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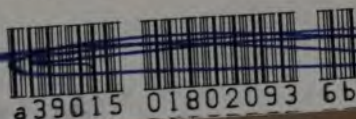
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HAND-LIST  
OF  
FERNS AND FERN ALLIES

ORIGINATED IN  
THE ROYAL BOTANIC GARDENS,  
(SECOND EDITION.)



LONDON

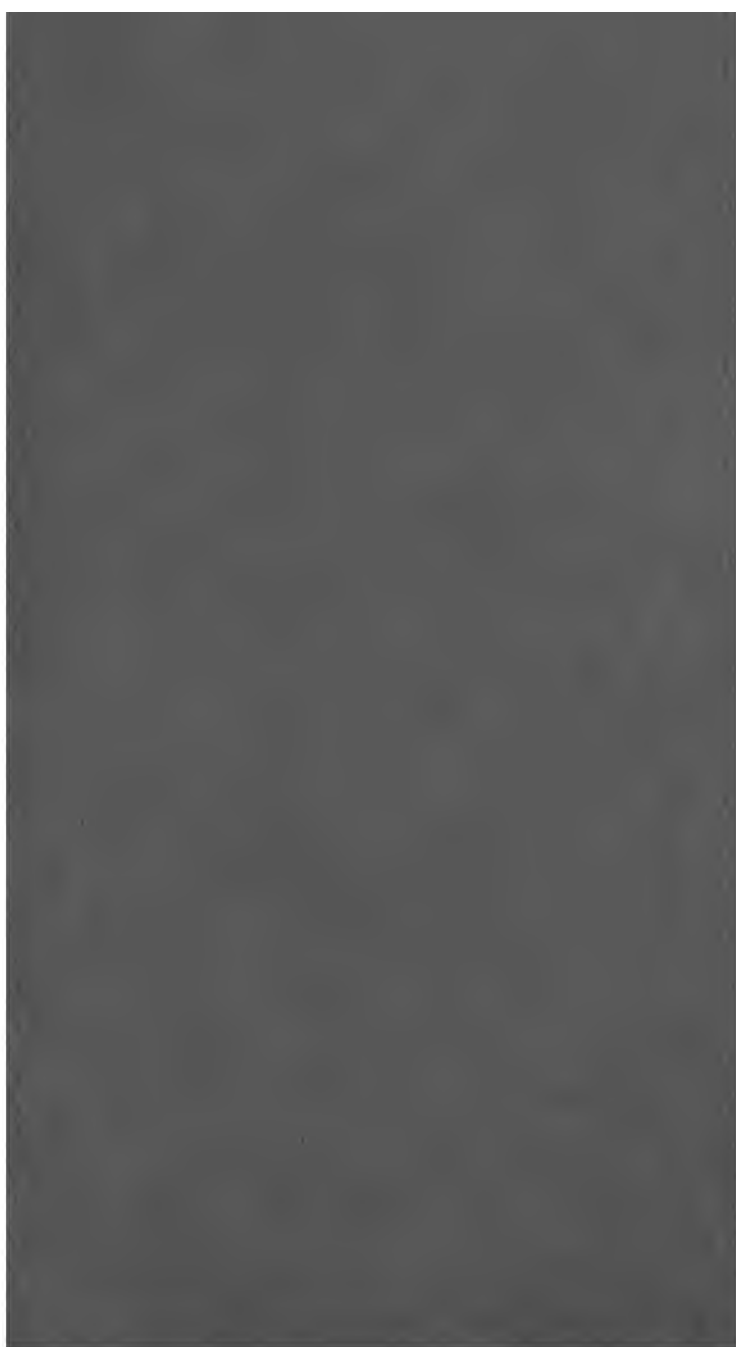
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THE GIFT OF  
Prof. F. C. Newcombe





THE GIFT OF  
of F. C. Newcombe





W. ROYAL BOTANIC GARDENS, KEW.

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# HAND-LIST

OF

# FERNS AND FERN ALLIES

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(SECOND EDITION.)



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## PREFACE.

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THE general purpose of the series of Hand-lists of the plants cultivated in the Royal Gardens which is in course of publication, and of which the present one is a part, is sufficiently indicated in the preface to that which enumerates the trees and shrubs.

The collection of Ferns, whether tropical or temperate, is perhaps, next to that of Palms, the most important feature of the cultivation under glass in the Royal Gardens.

A special interest attaches to it, because it has been used so much in the preparation of most of the books and papers dealing with ferns which have been published in this country during the last half century. The celebrated botanical artist, Francis Bauer, was resident draughtsman for 50 years (1790-1840) to the Royal Botanic Gardens at Kew, and the beautiful series of analytical drawings of ferns which he made were published by Sir William Hooker, after his death in 1842, with descriptive letter-press and additions, under the title of *Genera Filicum*. During the 25 years (1840-1865) for which Sir William Hooker was the director of the gardens, his attention was specially concentrated on ferns. Under the title of *Species Filicum* he published an elaborate work in five

volumes, in which all the known species of typical ferns are fully described, and their synonymy and geographical distribution worked out, with copious illustrations by Mr. Walter Fitch. Of this, the first volume appeared in 1846, and the last in 1864. He planned also a condensed hand-book of all the known ferns, to be called *Synopsis Filicum*, intended specially for the use of colonists and travellers. All the drawings for this had been made, but the letter-press was not far advanced when he died in the autumn of 1865. It was completed by Mr. J. G. Baker, F.R.S., now Keeper of the Herbarium, in 1868, and a second edition was brought out in 1874. Since that date many hundred new species have been discovered, and a volume of Hooker's *Icones Plantarum*, containing plates and descriptions of the more interesting of the novelties, was published in 1887. Mr. Baker has also published in the *Annals of Botany* (1891) a summary of new ferns discovered or described since 1874. The type specimens from which most of the descriptions and plates contained in this series of books have been made are deposited in the Kew Herbarium.

The living collection in the garden owes its completeness very largely to the zeal and assiduity with which the veteran pteridologist, Mr. John Smith, curator of the Royal Gardens from 1841-63, watched over it for more than 40 years.

In his privately printed *Records of Kew* (pp. 322, 323) he gives the following particulars of its origin and development:—"In the year 1822 I found the collection of ferns at Kew extremely poor, especially as regards tropical species, very many of those introduced in previous years

having been lost and very few new ones added. . . . The tender exotic species were more or less of them growing without any arrangement in different houses, and unnamed, their number amounting to about 40. In 1825 I arranged the tropical species in a group at the end of the then lean-to house . . . now included in the tropical fern house, the area they occupied being 6 ft. by 12 ft. These formed the nucleus of the now great collection. They were successively added to by importations of living plants, as also plants raised from spores obtained from herbarium specimens."

"The collection continued yearly to increase, and in 1846 [1845] I drew up a list of the collection, which was published in an appendix to the *Botanical Magazine*, for that year; the number then amounted to 400 [378] species. This in 1857 [1856] was followed by another list, entitled 'Catalogue of Cultivated Ferns,' in which 600 [504] species are enumerated."

The principal books published by Mr. Smith are his *Ferns, British and Foreign*, issued in 1866, which contains a classified list of all the species then known in cultivation, full directions for the cultivation of ferns of the different climatic types and by far the most complete history of their gradual introduction which has ever appeared in print, and his *Historia Filicum*, issued in 1875, which contains woodcuts of 220 types and gives a full exposition of his views on fern classification.

In 1868 the last published list was prepared by Mr. J. G. Baker. It enumerates 802 species and varieties of ferns and 48 of fern allies.

The present list comprises 1116 species and varieties of ferns and 97 of fern allies; this is exclusive of British ferns, of which 586 varieties are in cultivation.

The collection falls into three great groups:—(i.) Tropical; (ii.) Temperate; and (iii.) Hardy Ferns.

The Tropical Ferns are cultivated in No. II. House.

The Temperate Ferns are cultivated in No. III.; the Filmy Ferns have a separate House (No. II. A), constructed for the special treatment which they require. The fine collection of Temperate Tree Ferns is contained in the Temperate House.

The Hardy Ferns are arranged on and about a small rockery,  $\frac{7}{E}$  of the Key Plan, and forming the south boundary of Lawn L.

The structural development of the buildings in which the collection is housed has kept pace with its growth. Their history may be given briefly.

The Tropical Fern House (No. II.) is a span-roofed house 129 feet long, 34 feet broad, and 15 feet high in the centre. It has a wide transept on the south side, 40 feet long, 33 feet wide, and 19 feet high.

In 1841 the site of this house was occupied by two lean-to houses used for miscellaneous collections of stove plants. They are enumerated in Dr. Lindley's Report to the Treasury (1838) as Nos. 2 and 3; the former stood to the west, and was 50 feet long; the length of the other

was 50 feet. It was in No. 2 that, as stated above, John Smith first arranged the nucleus of the collection of Tropical Ferns.

In 1843, No. 2 was doubled and made into a span house.

In 1845, No. 3 was entirely taken down, and a new span-roofed house erected in its place. It joined on to No. 2, which was kept at a somewhat lower temperature, but opened into it through a partition. The centre was filled up with slate shelf staging, and the sides with stone shelves. No. 2 was used as a stove for rare palms and large tropical ferns. No. 3 was at first occupied by the Woburn collection of orchids presented by Her Majesty the Queen; for this purpose it proved eventually unsuited. The orchids were gradually replaced by *Aroideæ* and ferns. Ultimately the latter obtained possession of the whole house. According to John Smith (Records, p. 334), "the centre of the house was a raised sloping reckery, amongst which the plants were growing in a natural state, forming fine bushy specimens."

A small house for tree ferns was built in 1861; this was connected with the principal house in 1868, and now forms the transept.

In 1879 the Tropical Fern House, which from the decay of the timbers had lapsed into an almost ruinous condition, was further severely damaged by the hail storm of August 3rd; 1,152 panes of glass in it were broken. It was subsequently put into a thorough state of repair, but the collections received considerable damage.

In 1887 the west end of the house was set back a few feet; the staging was partly re-arranged and the broad path through the transept was made.

The humid conditions necessary for the cultivation of tropical ferns are unfortunately not conducive to the preservation of the structures in which they are grown when they are built of wood. In 1889 it therefore again became necessary to renew the east wing of No. II. House. In order to secure greater durability it was decided to use iron for the principal framework, and wood only for the lights. The top ventilation was provided for by means of a lantern instead of by the older and more clumsy method of sliding sashes. At the same time the use of green glass in the reconstructed wing was abandoned. This was introduced at Kew in 1846 on the recommendation of the late Mr. Robert Hunt, F.R.S., who advocated its use on theoretical grounds which are now known to be mistaken. The resulting improvement in the growth of the plants, especially the species of *Adiantum* was very marked, and in 1892 a portion of the west wing was re-glazed with equally satisfactory results.

The temperate ferns are now collected in a house (No. III.), which was also built on the system of mixed iron and wood construction. It was erected in 1892 to take the place of a decayed and obsolete structure composed of two small greenhouses united together, Nos. 4 and 5 of Dr. Lindley's report. The former (the northern wing) was erected in 1803, and in 1840 contained New Holland and Cape plants; the latter, which was "re-modelled" in 1825, was filled with succulents.

The reconstructed No. III. is a span-roofed house 60 feet long, 23 feet wide, and 13 feet high. It contains a broad central and two side stages, with paths on both sides.

The north wing of the former No. III. had been latterly devoted almost exclusively to filmy ferns after the Kew collection had been enriched by the gift of that formed by the late John Cooper Forster, which was presented to the Royal Gardens in 1888 by his widow.

The collection is now contained in the new Filmy Fern House (No. II. A.) erected on the north side of No. II. It is 50 feet long by 14 feet wide, with a central path and two cases running the full length of the house.

The hardy ferns occupy the rockery originally devoted to Alpine plants (before the construction of the Rock Garden in 1882), and it extends over part of the adjacent ground. A collection was established here in 1874, and the rockery itself was reconstructed in 1888.

The collection as a whole is now probably the richest in existence in garden forms of British species. This is due to the munificent bequest by W. C. Carbonell, Esq., of the extensive collection formed by him at Rhiw Castell, Usk, Monmouthshire. The whole was removed to Kew in 1887. It consisted of 4,261 specimens, many probably unique, besides some hundreds of seedlings.

The total number of well-marked species of ferns and the vascular Cryptogams now amounts up to 3,500. Not more have been



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brought into cultivation, and Kew is always glad to receive any additions, if possible in the form of well-established plants ; if not, in the shape of dry spores, which can be collected and sent very easily by post in small packets.

The following table, which shows the percentage of the total number of ferns found in different parts of the world was drawn up by Mr. Baker in 1867 ; but he does not think that the discoveries of the last 20 years will have altered any of the figures materially :—

Arctic Zone	...	...	...	1 per cent.
Europe	...	...	...	4 „
Temperate Asia, including Himalayas	...	...	...	18 „
Temperate N. America	...	...	...	5 „
Temperate S. Africa	...	...	...	7 „
Australia and New Zealand	...	...	...	9 „
South temperate America	...	...	...	5 „
Tropical Africa	...	...	...	15 „
Tropical Asia	...	...	...	39 „
Tropical America...	...	...	...	42 „

The present hand list is divided into three parts :—

- (i.) Ferns proper (pp. 13-133) ;
- (ii.) Fern allies (pp. 135-143) ; and
- (iii.) as an appendix, a list of garden forms of British species (pp. 145-183).

With regard to (i.) ferns proper, the arrangement is alphabetical and synonyms have been only sparingly introduced, those included being chiefly such as are in

use in gardens and which are here referred to the correct name in each case. It has not been thought necessary, therefore, to supply an index. Those who wish to pursue the study of fern-nomenclature further may fall back on Hooker and Baker's *Synopsis Filicum*, upon which the present hand-list is substantially based.

The fern allies (ii.) have also been grouped alphabetically. It has not been thought necessary for the present purpose to separate them according to a botanical classification.

The cultivated and feral varieties of British ferns (iii.) have been enumerated in an appendix. Although the collection of them at Kew is very rich, they stand in a different position to the collection of recognised and well-determined species. Apart from their intrinsic beauty, which is often striking, they are of considerable scientific interest as showing the range of variation due to crossing and seminal reproduction. The amateurs and cultivators who have raised them have furnished them with Latin names, often cumbrous and fantastic, which have received no formal definition. They cannot, therefore, be fixed or quoted for any scientific purpose; they have, in fact, the same relationship to the species from which they have originated as bedding pelargoniums bear to *Pelargonium zonale* or as the drumhead and other cabbages to *Brassica oleracea*.

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## PREFACE TO SECOND EDITION.

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THE edition of the *Hand-List of Ferns and Fern-Allies cultivated in the Royal Gardens* which was issued in 1895 has for some time been exhausted. Since its publication some change has taken place in the composition of the Fern-collection. The present edition, the preparation of which for the press has been entrusted to Mr. C. H. Wright, A.L.S., Assistant in the Herbarium, is an attempt to enumerate the species and varieties now in cultivation at Kew. The species that have been acquired since 1895 are here included ; those that are not now in cultivation at Kew have been omitted. A few casual errors that had crept into the previous edition have been corrected. To facilitate the identification of the plants selected references have been given to publications in which reliable figures are to be found. In other respects the present edition follows the lines on which the edition of 1895 was prepared.

The table drawn up by Mr. J. G. Baker, F.R.S., in 1867, to show the percentage of the total number of ferns that had been collected up to that time in different parts of the world, which is included in the preface to the 1895 edition of this hand-list, is found, in the light of our present knowledge of the groups dealt with, to require revision. It will not be possible, until some general list, such as Carl Christensen's admirable *Index Filicum* (now in course of publication) is available,

to give absolute percentages. But the subjoined table, which may be taken as approximately accurate, will, it is hoped, be useful both in itself and for comparison with Mr. Baker's table, which remains of great historical interest :—

Arctic Zone ... ..	·4 per cent.
Europe ... ..	2·5 „
Temperate Asia, including the Himalayas above 8,000 ft. ...	25·5 „
North Africa, Canary Is. ...	·8 „
Temperate N. America ... ..	3·2 „
Temperate S. Africa ... ..	4·5 „
Australia and New Zealand ...	6·9 „
Polynesia ... ..	10·8 „
Temperate S. America ... ..	2·7 „
Tropical Africa and Mascarene Is.	15·2 „
Tropical Asia ... ..	34·8 „
Tropical America ... ..	46·4 „

D. P.

Kew. March, 1906.



## I.—FERNS.

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Acrophorus. *See* Davallia.

Acrostichum, *L.*

*A. acuminatum*, *Hook.* Brazil.

*A. alienum*, *Sw.* West Indies, Tropical America.

*A. apodum*, *Kaulf.* West Indies, Tropical America and Chile. *Hook. & Grev. Ic. Fil. t. 99.*

*A. aureum*, *L.* Tropical and sub-tropical regions.

*A. auritum*, *Sw.* Malaya, *Polybotrya aurita*, *Bl. ; Hook. Fil. Exot. t. 81.*

*A. Burchellii*, *Baker.* Brazil.

*A. buxifolium*, *Kze.* *See* sorbifolium, var.

*A. Cænopteris*, *Kze.* Tropical America.

*A. callæfolium*, *Bl.* *See* latifolium, var.

*A. cervinum*, *Sw.* Tropical America. *Olfersia cervina*, *Kze ; Hook. Fil. Exot. t. 43.*

*A. conforme*, *Sw.* Tropical and sub-tropical regions.

*A. crassinerve*, *Kze.* *See* latifolium, var.

*A. crinitum*, *L.* West Indies and Central America. *Hook. & Grev. Ic. Fil. t. 1.*

*A. crispatulum*, *Wall.* *See* virens, var.

*A. cuspidatum*, *Willd.* West Indies to Peru.

*A. decoratum*, *Kze.* West Indies, Guiana, Brazil and Peru.



*Acrostichum*, L.—*cont.*

- A. decurrens*, Desv. Philippines. *Gymnopteris decurrens*, Hook. Gard. Ferns, t. 6.
- A. drynarioides*, Hook. Penang, Solomon Isles, New Guinea.
- A. Feei*, Bory. West Indies to Ecuador.
- A. flagelliferum*, Wall. Tropical Asia. Hook. & Grev. Ic. Fil. t. 23.
- A. gramineum*, Jenm. West Indies.
- A. Herminieri*, Bory. West Indies to Brazil.
- A. heteromorphum*, Kl. Colombia and Ecuador.
- A. hybridum*, Bory. Tropical Africa, Tropical America.
- A. latifolium*, Sw. Tropics. Hook. Fil. Exot. t. 42.  
     var. *angustifolium*, Hort. Tropical America.  
     var. *callæfolium*, (Bl.) Baker. Java.  
     var. *conopodium*, Hort.  
     var. *crassinerve*, (Kze) Baker. Brazil.
- A. Lingua*, Raddi. West Indies and Tropical America.
- A. longifolium*, Jacq. See *latifolium*.
- A. luridum*, Fée. Trinidad, Guiana.
- A. magnum*, Baker. British Guiana.
- A. melanopus*, Kze. Venezuela.
- A. muscosum*, Sw. West Indies, Tropical America.
- A. osmundaceum*, Hook. West Indies, Tropical America.
- A. peltatum*, Sw. West Indies, Tropical America.
- A. prieurianum*, Kl. See *sorbifolium*, var.
- A. quercifolium*, Retz. Tropical Asia.  
     *quercifolia*, Bernh. ; Hook. Fil. Exot. t.





*Acrostichum*, *L.*—*cont.*

*A. repandum*, *Bl.* Tropical Asia, Queensland and the Seychelles.

var. *quoyanum*, *Baker.* Moluccas.

*A. rigidum*, *Wall.* Malay Peninsula and Islands.

*A. scandens*, *J. Sm.* Tropical Asia, Queensland and Fiji.

*A. Sieberi*, *Hook. & Grev.* Ic. Fil. t. 237. Mascarene Islands.

*A. simplex*, *Sw.* West Indies, Tropical America.

*A. sorbifolium*, *L.* Tropics.

var. *buxifolium*, (*Kze*) *Baker.* Madagascar.

var. *prieurianum*, (*Kl.*) *Baker.* Guiana.

*A. spicatum*, *L.* Tropics of the Old World. *Hymenolepis spicata*, *Presl*; *Hook. Fil. Exot.* t. 78.

*A. tomentosum*, *Bory.* Bourbon.

*A. undulatum*, *Willd.* See *villosum*, var.

*A. variabile*, *Hook.* Tropical Asia.

*A. villosum*, *Sw.* Tropical America. *Hook. & Grev.* Ic. Fil. t. 95.

var. *undulatum*, *Baker.* West Indies and Mexico to Ecuador.

*A. virens*, *Wall.* Tropical Asia, Tropical Africa. *Hook. & Grev.* Ic. Fil. t. 221.

var. *crispatulum*, *Baker.* India.

*Actiniopteris*, *Link.*

*A. radiata*, *Link.* Tropical Asia, Tropi Africa. *Hook.* Ic. Pl. t. 975.

var. *australis*, *Baker.* M  
Ic. Pl. t. 976.

*Adiantopsis.* See *Cheilanthes*.




**Adiantum, L.**

- A. æthiopicum, L.** Tropical and south temp. zones.  
Hook. & Grev. Ic. Fil. t. 77.
- var. **assimile, (Sw.) Baker.** Australia.
- var. **aureum, Hort.**
- A. affine, Hook.** See *diaphanum*.
- A. amabile, Moore.** See *Moorei*.
- A. aneitense, Carruth.** Aneiteum.
- A. assimile Sw.** See *æthiopicum*, var.
- A. Balfourii, Baker.** Socotra. Hook. Ic. Pl. t. 1630.
- A. Bausei, Moore.** Garden origin. Gard. Chron. 1879, xi. 456, figs. 69-70.
- A. bellum, Moore.** Bermuda, Guiana. Gard. Chron. 1879, xi. 172, fig. 24.
- A. bessonianum, O'Brien.** See *tenerum*, var.
- A. Birkenheadii, Moore.** Garden origin.
- A. \*Capillus-Veneris, L.** Tropical and temp. zones.  
Hook. Brit. Ferns, t. 41.
- A. cardiochloæna, Kze.** See *polyphyllum*.
- A. Catharinæ, J. Sm.** See *trapeziforme*, var.
- A. caudatum, L.** Tropics. Hook. Exot. Fl. t. 104.
- var. **ciliatum, Hort.**
- A. chrysophyllum, Hort.** See *æthiopicum*, var. *aureum*.
- A. clæssianum, L. Lind. & Rod.** Brazil. Ill. Hort. 1894, 137, t. 9.
- A. Collisii, Moore.** Garden origin.
- A. colpodes, Moore.** Tropical America.
- var. **elegans, Hort.**

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\* For *gan*

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**Adiantum, L.—cont.**

- A. concinnum, H. B. & K.** Tropical America.  
 var. **Flemingii, Hort.**  
 var. **gracile, Hort.**  
 var. **latum, Moore.**
- A. crenatum, Willd.** West Indies, Mexico.
- A. cristatum, L.** West Indies, Tropical America.
- A. cultratum, J. Sm.** See *trapeziforme*, var.
- A. cuneatum, Langsd. & Fisch.** Tropical America.  
 Hook. & Grev. Ic. Fil. t. 30.  
 var. **æmulum, (Moore) Baker.**  
 var. **deflexum, Hort.**  
 var. **dissectum, Hort.**  
 var. **elegantissimum, Hort.**  
 var. **gracillimum, (Moore) Baker.**  
 var. **grandiceps, Hort.**  
 var. **grandis, Hort.**  
 var. **lambertianum, Hort.**  
 var. **Legrandi, Hort.**  
 var. **mundulum, (Moore) Baker.**  
 var. **Pacotti, Hort.**  
 var. **Reginæ, Hort.**  
 var. **schizophyllum, Hort.**  
 var. **strictum, Hort.**  
 var. **variegatum, Hort.**
- A. curvatum, Kaulf.** Brazil. Hook. Sp. Fil. ii. t. 84,  
 fig. C.  
 var. **brasiliense, Baker.** Brazil.
- A. cyclosorum, Moore.** Ecuador.
- A. decorum, Moore.** See *Wagneri*.



**Adiantum, L.—cont.**

- A. densum, Hort.** Garden origin.
- A. diaphanum, Bl.** S. China, Malaya, Polynesia,  
N. Zealand and New S. Wales.
- A. digitatum, Presl.** Tropical America.  
var. **palmatum, Baker.** *A. palmatum*, Moore, Gard.  
Chron. 1877, vii. 40, fig. 5.  
var. **speciosum, (Hook.) Baker.**
- A. dolabriforme, Hook.** *See* *lunulatum*, var.
- A. dolosum, Kze.** Tropical America.
- A. Edgeworthii, Hook.** Northern India and China.  
Hook. Sp. Fil. ii. t. 81, fig. B.
- A. elegans, Moore.** Garden origin.
- A. emarginatum, Bory.** *See* *æthiopicum*.
- A. excisum, Kze.** Chili.  
var. **Leyi, Hort.**  
var. **multifidum, Hort.**  
var. **nanum, Hort.**
- A. farleyense, Moore.** *See* *tenerum*, var.
- A. fasciculatum, Hort.** Garden origin.
- A. Faulkneri, Hort.** Garden origin.
- A. Fergusoni, Moore.** Ceylon.
- A. formosum, R. Br.** Temperate Australia and New  
Zealand. Hook. Sp. Fil. ii. t. 86, fig. B.
- A. fragile, Sw.** West Indies.
- A. fulvum, Raoul.** New Zealand, N. S. Wales, Fiji.  
Hook. Sp. Fil. ii. t. 85, fig. A.
- A. Funckii, Hort.** *See* *trapeziforme*.
- A. glaucophyllum, Hook.** Central America.





**Adiantum, L.—cont.**

- A. grandiceps*, Hort. See *cuneatum*, var.
- A. henslovianum*, Hook. f. Colombia, Peru, &c.
- A. heterophyllum*, Hort. Garden origin.
- A. hirtum*, Klotzsch. Tropical America. Hook. Sp. Fil. ii. t. 82, fig. A.
- A. hispidulum*, Sw. Tropics of the Old World.  
var. *tenellum*, Moore. Australia.
- A. Hosei*, Baker. Borneo.
- A. Kaulfussii*, Kze. Tropical America.
- A. kerchovianum*, Hort. Garden origin.
- A. Lathomii*, Moore. See *tenerum*, var.
- A. Legrandi*, Hort. See *cuneatum*, var.
- A. lineatum*, Linden. Garden origin. Ill. Hort. 1895, 312, t. 44.
- A. lucidum*, Sw. West Indies, Tropical America.  
Hook. Sp. Fil. ii. t. 79, fig. C.
- A. luddemannianum*, Hort. Garden origin.
- A. lunulatum*, Burm. Tropics. Hook. & Grev. Ic. Fil. t. 104.  
var. *dolabriforme*, Baker. *A. dolabriforme*, Hook. Ic. Pl. t. 191.  
var. *fernandezianum*, Hort.
- A. macrophyllum*, Sw. West Indies, Tropical America.  
Hook. & Grev. Ic. Fil. t. 132.  
var. *albostriatum*, Hort.  
var. *bipinnatum*, Jenm. Jamaica.
- A. magnificum*, Hort. See *Wagneri*.
- A. manicatum*, Hort. See *concinnum*.



*Adiantum*, *L.*—*cont.*

- A. matthewsianum*, Hook. *See* *polyphyllum*.
- A. Moorei*, Baker. Andes of Peru.
- A. moritzianum*, Link. *See* *A. Capillus-Veneris*.
- A. mundulum*, Moore. *See* *cuneatum*, var.
- A. neoguineense*, Moore. New Guinea.
- A. Novæ-Caledoniæ*, Keys. New Caledonia.
- A. obliquum*, Willd. West Indies, Tropical America.  
Hook. & Grev. Ic. Fil. t. 190.
- A. obtusum*, Desv. West Indies, Tropical America.  
Hook. & Grev. Ic. Fil. t. 188.
- A. Pacotti*, Hort. *See* *excisum*.
- A. patens*, Willd. Tropical America. Hook. Sp. Fil. ii.  
t. 87, fig. A.
- A. pellucidum*, Mart. & Gal. *See* *æthiopicum*.
- A. pedatum*, L. Temperate Asia, North America.
- A. peruvianum*, Klotzsch. Peru.
- A. plumosum*, Hort. Garden origin.
- A. polyphyllum*, Willd. Tropical America. Hook.  
Gard. Ferns, t. 12.
- A. prionophyllum*, H. B. & K. *See* *tetraphyllum*.
- A. pulverulentum*, L. West Indies, Tropical America.
- A. Reginæ*, Hort. *See* *Capillus-Veneris*.
- A. reniforme*, L. Madeira and Teneriffe. Hook. Fil.  
Exot. t. 8.  
var. *asarifolium*, Baker. Mauritius and Bourbon.  
*A. asarifolium*, Willd. ; Hook. Fil. Exot. t. 11.
- A. rhodophyllum*, Moore. Garden origin.
- A. rhomboideum*, Hort. *See* *obtusum*.



*Adiantum*, L.—*cont.*

- A. roseum*, Hort. Garden origin.
- A. rubellum*, Moore. Andes of Bolivia.
- A. scabrum*, Kze. See *æthiopicum*.
- A. scutum*, Hort. See *tenerum*, var.
- A. Seemanni*, Hook. Central America, Brazil. Gard. Chron. 1875, iii. 396-7, fig. 77-8.
- A. sessilifolium*, Hook. See *henslovianum*.
- A. setulosum*, J. Sm. See *diaphanum*.
- A. speciosum*, Hook. See *digitatum*, var.
- A. Tabarum*, Hort. See *excisum*.
- A. tenellum*, Moore. See *hispidulum*.
- A. tenerum*, Sw. West Indies, Tropical America.
  - var. *alcicorne*, Hort.
  - var. *bessonianum*, (O'Brien).
  - var. *farleyense*, André. *A. farleyense*, Moore; Fl. Serres, tt. 1933-4.
  - var. *gracile*, Hort.
  - var. *Lathomii*, Hort.
  - var. *Reginæ*, Hort.
  - var. *scutum*, Hort.
  - var. *scutum ramosum*, Hort.
  - var. *Victoriæ*, (Moore) Baker.
- A. tetraphyllum*, Willd. West Indies, Tropical America.
  - var. *acuminatum*, Hort.
  - var. *gracile*, Hort.
- A. tinctum*, Moore. Andes of Peru.



*Adiantum*, *L.*—*cont.*

*A. trapeziforme*, *L.* West Indies, Tropical America.

var. *Catharinæ*, *J. Sm.*

var. *cultratum*, *Baker.*

var. *Funckii*, *Hort.*

*A. veitchianum*, *Moore.* Andes of Peru.

*A. velutinum*, *Moore.* Andes of Colombia.

*A. venustum*, *G. Don.* Afghanistan and Himalaya.  
Hook. Sp. Fil. ii. t. 76, fig. B.

var. *integrifolium*, *Baker.* Himalaya.

*A. Victoriae*, *Moore.* See *tenerum*, var.

*A. Wagneri*, *Mett.* Andes of Peru.

*A. Weigandii*, *Moore.* Garden origin.

*A. Williamsii*, *Moore.* Andes of Peru. Gard. Chron.  
1878, x. 45, fig. 4.

*Aglaomorpha.* See *Polypodium.*

*Aleuritopteris.* See *Cheilanthes.*

*Allosorus.* See *Pellæa* and *Cryptogramme.*

*Alsophila*, *R. Br.*

*A. armata*, *Presl.* Tropical America.

*A. australis*, *R. Br.* Australia and Tasmania. Hook.  
Sp. Fil. i. t. 19, fig. A.

*A. contaminans*, *Wall.* India, Malaya. Fl. des Serres,  
tt. 2264-5.

*A. Cooperi*, *Hook.* Australia.

*A. excelsa*, *R. Br.* Norfolk Island.

*A. infesta*, *Kze.* Tropical America.





**Alsophila, R. Br.—cont.**

**A. leichardtiana**, *F. Muell.* Australia. Flor. & Pom. 1873, 229.

**A. MacArthurii**, *Hook.* See *leichardtiana*.

**A. Malzinei**, *Hort.* Mexico.

**A. nigra**, *Jenm. (an Mart.?)*. Trinidad.

**A. procera**, *Kaulf.* Tropical America.

**A. pruinata**, *Kaulf.* West Indies, Tropical and Temperate S. America.

**A. robusta**, *De Vriese.* Java.

**A. Tænitis**, *Hook.* Brazil.

**A. tomentosa**, *Hook.* Java, Formosa.

**A. truncata**, *Brack.* Fiji, Samoa.

**Amphicosmia.** See *Hemitelia*.

**Anapeltis.** See *Polypodium*.

**A. nitida**, *J. Sm.* See *P. lycopodioides*.

**Anchistea.** See *Woodwardia*.

**Anemia, Sw.**

**A. adiantifolia**, *Sw.* West Indies, Tropical America. *Hook & Grev. Ic. Fil. t. 16.*

**A. collina**, *Raddi.* Brazil. *Hook. Fil. Exot. t. 1.*

**A. dregeana**, *Kze.* Natal. *Hook. Ic. Pl. t. 236.*

**A. fraxinifolia**, *Raddi.* See *Phyllitidis*.

**A. fulva**, *Sw.* See *tomentosa*, var.

**A. hirsuta**, *Sw.* West Indies, Tropical America.

**A. longifolia**, *Link.* See *Phyllitidis*, var.



**Anemia, Sw.—cont.**

**A. Phyllitidis, Sw.** West Indies, Tropical America.  
*Anemidictyon Phyllitidis*, J. Sm.; Hook. Gen.  
 Fil. t. 103.

var. *fœtida*, Hort.

var. *longifolia*, Hort.

**A. tomentosa, Sw.** West Indies, Tropical America.  
 Hook. Fil. Exot. t. 30.

var. *fulva*, Moore, Tropical America. *A. fulva*,  
 Sw.; Hook. Fil. Exot. t. 26.

*Anemidictyon.* See *Anemia*.

*Anetium.* See *Hemionitis*.

**Angiopteris, Hoffm.**

**A. evecta, Hoffm.** Tropics of the Old World. Hook.  
 Fil. Exot. t. 75.

var. *brongniartiana*, (*De Vriese*) Baker. Tahiti.

var. *durvilleana*, (*De Vriese*) Baker. Polynesia,  
 Manilla.

var. *hypoleuca*, (*De Vriese*) Baker. Java.

var. *miqueliana*, (*De Vriese*) Baker. Java.

var. *pruinosa*, (*Kze*) Baker. Java.

var. *teysmanniana*, (*De Vriese*) Baker. Java. Gard.  
 Chron. 1905, xxxvii. May 27, Suppl.

*Anisogonium.* See *Asplenium*.

*Antigramme.* See *Scolopendrium*.

**Arthropteris.** See *Polypodium tenellum*, *Nephrodium*  
*albopunctatum*, and *Nephrolepis*.



**Aspidium, Sw.****A. acrostichoides, Sw.** North America.**A. \*aculeatum, Sw.** Ubiquitous.var. *angulare, Gren. & Godr.* Hook. Brit. Ferns, t. 12.var. *lobatum, Hook.* Hook. Brit. Ferns, t. 10.var. *moritzianum, (Kl.) Baker.* Colombia.var. *setosum, (Wall.) Baker.* Himalaya.var. *tsus-simense, Baker.* Japan.**A. amabile, Bl.** India, Formosa, Japan.**A. angulare, Willd.** See *aculeatum*, var.**A. angulatum, J. Sm.** See *Polypodium angulatum*.**A. anomalum, Hook. & Arn.** Ceylon. *Polypodium anomalum*, Hook. & Arn. in Hook. Journ. Bot. viii. (1856) t. 11.**A. argutum, Kaulf.** See *Nephrodium rigidum*, var. *americanum*.**A. aristatum, Sw.** Tropical Asia, Polynesia, N. S. Wales, Natal. *Polystichum aristatum*, Presl; Hook. f. Fl. N. Zealand, t. 78.var. *coniifolium, (Wall.) Baker.*var. *variegatum, Hort.***A. atratum, Wall.** See *Nephrodium hirtipes*.**A. auriculatum, Sw.** India, Formosa, Malaya.**A. Boottii, Tuckerm.** See *Nephrodium spinulosum*, var.**A. capense, Willd.** Tropical America and S. temperate zone.**A. caryotideum, Wall.** See *falcatum*, var.**A. coadunatum, Hook. & Grev.** See *Nephrodium cicutarium*.

\* For garden varieties, see p. 157.



**Aspidium, Sw.—cont.**

- A. concavum*, Hort. See *laserpitiifolium*.  
*A. confluens*, Mett. See *Nephrodium*.  
*A. conifolium*, Wall. See *aristatum*, var.  
*A. coriaceum*, Sw. See *capense*.  
*A. erythrosorum*, Eaton. See *Nephrodium*.  
*A. Fadyenii*, Mett. See *Fadyenia prolifera*.  
***A. falcatum*, Sw.** Japan to South Africa. Hook. Fil. Exot. t. 92.  
     var. *caryotideum*, Baker. Northern India, South Africa. *A. caryotideum*, Wall.; Hook & Grev. Ic. Fil. t. 69.  
     var. *caryotideum attenuatum*, Hort.  
     var. *Fortunei*, (J. Sm.) Baker. Japan.  
     var. *pendulum*, Hort.  
*A. festinum*, Hance. See *laserpitiifolium*.  
*A. fragrans*, Sw. See *Nephrodium*.  
***A. frondosum*, Lowe.** Madeira.  
*A. irregulare*, Brackenr. See *Nephrodium latifolium*.  
***A. laserpitiifolium*, Mett.** China, Japan, Tonquin.  
***A. lepidocaulon*, Hook.** Japan. *Polystichum lepidocaulon*, T. Moore in Gard. Chron. 1875, iii. 203, fig. 36.  
*A. lobatum*, Sw. See *aculeatum*, var.  
***A. Lonchitis*, Sw.** N. temp. zone. Hook. Brit. Ferns, t. 9.  
*A. macrophyllum*, Sw. See *Nephrodium*.  
***A. mohrioides*, Bory.** Temperate S. America.  
***A. munitum*, Kaulf.** W. North America.  
     var. *imbricans*, Hort.





**Asplenium, L.—cont.**

- A. acutum*, Bory. *See* *Adiantum-nigrum*, var. *Onopteris*.
- A. Adiantum-nigrum*, L.** North and South temp. zones. Hook. Brit. Ferns, t. 33.  
var. *Onopteris*, *Christens*.
- A. alatum*, H. B. & K.** West Indies, Tropical America. Hook. & Grev. Ic. Fil. t. 136.
- A. angustifolium*, Mich.** North America.
- A. anisophyllum*, Kze.** Tropical and S. Africa, Tropical America.
- A. apicidens*, Moore. *See* *Vieillardii*, var.
- A. arborescens*, Mett.** Mascarene Islands.
- A. arboreum*, Willd.** West Indies, Tropical America.
- A. Arnottii*, Baker.** Sandwich Islands.
- A. attenuatum*, R. Br.** Australia. Hook. & Grev. Ic. Fil. t. 220.  
var. *integrum*, *Hort*.
- A. aureum*, Link. *See* *Ceterach*, var.
- A. auritum*, Sw.** India, Mascarene Is., Trop. America.  
var. *macilentum*, *Baker*.  
var. *sulcatum*, *Baker*.
- A. australasicum*, Hook.** *See* *Nidus*, var.
- A. axillare*, Webb & Berth. *See* *umbrosum*.
- A. bantamense*, Baker.** Tropical Asia.
- A. Baptistii*, Moore. *See* *Vieillardii*, var.
- A. Belangeri*, Kze.** Malayan Islands. Hook. Fil. Exot. t. 41.
- A. bifidum*, P.**



**Asplenium, L.—cont.**

- A. brachypteron**, *Kze.* Tropical and South Africa, Mascarene Islands. *Hook. Fil. Exot. t. 44.*
- A. Brownii**, *J. Sm.* *See umbrosum.*
- A. bulbiferum**, *Forst.* Tropical Asia, Mascarene Is., Australia. *Hook. Ic. Pl. t. 423.*  
 var. *fabianum*, *Baker.*  
 var. *Hillii*, *Hort.*  
 var. *laxum*, *Hook. f.* New Zealand.  
 var. *minus*, *Baker.* New Zealand.  
 var. *pumilum*, *Hort.*  
 var. *tripinnatum*, *Hook. f.* New Zealand.
- A. caryotæfolium**, *Hort.* *See cuneatum.*
- A. celtidifolium**, *Kze.* Tropical America.
- A. Ceterach**, *L.* Europe and temp. Asia. *Hook. Brit. Ferns, t. 36.*  
 var. *aureum*, *Baker.* Madeira and Canary Is.
- A. cicutarium**, *Sw.* Tropical America.
- A. Colensoi**, *Hook. f.* New Zealand.
- A. compressum**, *Sw.* St. Helena. *Hook. Fil. Exot. t. 76.*
- A. contiguum**, *Kaulf.* Polynesia and Malaya.  
 var. *fissum*, *Hort.*
- A. cordifolium**, *Mett.* Malaya. *Diplazium cordifolium*, *Bl.*; *Hook. Ic. Pl. t. 936.*
- A. crenulatum**, *Baker.* West Indies, Tropical America.
- A. cultrifolium**, *L.* West Indies, Tropical America.
- A. cuneatum**, *Lam.* Polynesia, Africa, Trop. America.  
*Hook. & Grev. Ic. Fil. t. 189.*
- A. Currori**, *Hook.* Tropical Africa.



**Asplenium, L.—cont.**

- A. decussatum*, Sw. Tropics of Old World.
- A. dimidiatum*, Sw. Tropical Africa, Trop. America.
- A. dimorphum*, Kze. Norfolk Island.
- A. ebeneum*, Ait. Temperate regions.
- A. elongatum*, Sw. See *tenerum*, var.
- A. erectum*, Bory. See *lunulatum*.
- A. esculentum*, Presl. Tropical Asia. *Anisogonium esculentum*, Presl ; Bedd. Handb. Ferns Ind. 193.  
var. *glabrum*, Hort.  
var. *serampurense*, Baker.
- A. fabianum*, Hombr. & Jacquem. See *bulbiferum*, var.
- A. falcatum*, Lam. Tropics and sub-tropics, Old World.  
var. *erosum*, Hort.
- A. feejeense*, Brack. Fiji Islands.
- A. fernandezianum*, Kze. See *lunulatum*, var.
- A. \*Filix-fœmina*, Bernh. Ubiquitous. Hook. Brit. Ferns, t. 35.
- A. flabellifolium*, Cav. Australia. *A. flabelliforme*, Hook. Exot. Fl. t. 208.  
var. *Richardsoni*, Hort.
- A. flaccidum*, Forst. Australia, Polynesia, Natal.
- A. fœniculaceum*, H. B. & K. See *fragrans*, var.
- A. fontanum*, Bernh. North temp. zone. Hook. Brit. Ferns, t. 34.
- A. fragrans*, Sw. West Indies, Tropical America.  
var. *fœniculaceum*, Baker. *A. fœniculaceum*, H. B. & K. ; Hook. & Grev. Ic. Fil. t. 92.

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\* For garden varieties, see p. 165.



**Asplenium, L.—cont.**

**A. furcatum, Thunb.** Tropical and sub-tropical regions.  
var. *tripinnatum, Baker.* Natal.

**A. germanicum, Weiss.** Europe. Hook. Brit. Ferns, t. 27.

**A. gœringianum, Mett.** See *macrocarpum*, var.

**A. grandifolium, Sw.** West Indies, Tropical America.

**A. griffithianum, Hook.** Ic. Pl. t. 928. Himalaya.

**A. Halleri, Willd.** See *fontanum*.

**A. Hemionitis, Wall.** South Europe and North Africa.  
Bot. Mag. t. 4911.

**A. heterocarpum, Wall.** India, Malaya. Bedd. Ferns S. Ind. t. 131.

**A. heterophlebium, Mett.** Himalaya. *Anisogonium heterophlebium*, Bedd. Handb. Ferns Ind. t. 192.

**A. hians, Kze.** West Indies, Tropical America.

**A. incisum, Thunb.** China, Japan.

**A. lanceolatum, Huds.** Europe.

**A. lanceum, Thunb.** China, Japan, India. *A. subsinuatum*, Hook. & Grev. Ic. Fil. t. 27.

**A. lasiopteris, Mett.** See *Peterseni*.

**A. laxum, R. Br.** See *bulbiferum*, var.

**A. lineatum, Sw.** Mauritius.

var. *bifidum, Baker.*

var. *inæquale, Baker.*

**A. longissimum, Bl.** Malaya, Mauritius.

**A. lucidum, Forst.** See *obtusatum*, var.

**A. lunulatum, Sw.** Tropics and subtropics.

var. *erectum, Baker.* Mascarene Islands, Tropical America.





**Asplenium, L.—cont.****A. lunulatum, Sw.—cont.**

- var. *fernandezianum*, (Kze) Baker. Juan Fernandez.
- var. *pteropus*, Baker. Tropical America. *A. pteropus*, Kaulf. ; Hook. Sp. Fil. iii. t. 177.
- var. *tenellum*, (Roxb.) Baker. St. Helena.
- var. *tripinnatifidum*, Hort.

**A. macilentum, Kze. See auritum, var.****A. macrocarpum, Bl. Tropical Asia.**

- var. *göeringianum*, (Mett.) Baker. Japan.

**A. marginatum, L. West Indies, Tropical America. Hook. Fil. Exot. t. 73.****A. marinum, L. Europe, Canaries and Azores. Hook. Brit. Ferns, t. 31.**

- var. *imbricatum*, Hort.
- var. *ramosum*, Hort.

**A. maximum, G. Don. Tropical Asia, Australia****A. Mayii, Hort. Garden origin. Gard. Chron. 1898, xxiii. 332, fig. 140.****A. Michauxii, Spreng. See Filix-femina.****A. monanthemum, L. Temperate regions.****A. Nidus, L. Tropics, Old World. Bot. Mag. t. 3101.**

- var. *australasicum*, Baker. Australia. *A. australasicum*, Hook. Fil. Exot. t. 88.
- var. *madagascariense*, Hort.
- var. *multilobatum*, Hort.

**A. niponicum, Mett. Japan.**

- var. *cristatum*, Hort.

**A. nitidum, Sw. India and Malaya.****A. nobile, Hort. See viviparum.****A. nodulosum, Hort. See lineatum.**



**Asplenium, L.—cont.**

- A. obliquum*, Forst. *See* obtusatum, var.
- A. obtusatum*, Forst. South temperate regions. Hook.  
Fil. Exot. t. 46.
- var. *lucidum*, Baker.
- var. *Lyallii*, Hook. New Zealand.
- var. *obliquum*, Hook. f. New Zealand.
- A. obtusilobum*, Hook. Polynesia.
- A. ornatum*, Col. New Zealand.
- A. paleaceum*, R. Br. Tropical Australia. Hook. Sp.  
Fil. iii. t. 199.
- A. Peterseni*, Kze. India, Java.
- A. planicaule*, Wall. India, China.
- A. plantagineum*, L. West Indies, Tropical America.
- A. platyneuron*, Oakes. *See* ebeneum.
- A. polyodon*, Forst. *See* falcatum.
- A. polypodioides*, Mett. Tropical Asia. *Diplazium*  
*polypodioides*, Bl. ; Bedd. Handb. Ferns Ind. 185.
- A. præmorsum*, Sw. *See* furcatum.
- A. procerum*, Wall. Northern India.
- A. proliferum*, Lam. *See* decussatum.
- A. prolongatum*, Hook. *See* rutæfolium.
- A. pteridoides*, Baker. Lord Howe's Island.
- A. pteropus*, Kaulf. *See* lunulatum, var.
- A. pubescens*, Mett. *See* esculentum.
- A. pumilum*, Sw. West Indies, Tropical America.
- A. pusillum*, Bl. Java.
- A. radicans*, Schkuhr. West Indies, Tropical America.



**Asplenium, L.—cont.**

- A. reclinatum*, Houlst. *See* *lunulatum*, var. *tenellum*.
- A. refractum*, Moore. *See* *fontanum*.
- A. resectum*, Sm. Japan, Tropical Asia and Africa.  
Hook. & Grev. Ic. Fil. t. 114.
- A. rhizophorum*, L. West Indies, Tropical America.  
Hook. Sp. Fil. iii. t. 187.
- A. rigidum*, Sw. *See* *auritum*, var. *sulcatum*.
- A. rutæfolium*, Kze. Tropical and sub-tropical Asia and Africa.  
var. *prolongatum*, (Hook.) Baker.
- A. Ruta-muraria*, L. North temp. zone. Hook. Brit. Ferns, t. 28.
- A. scandens*, J. Sm. New Guinea, Philippines, Fiji.
- A. semihastatum*, Kze. Cuba.
- A. septentrionale*, Hoffm. North temp. zone. Hook. Brit. Ferns, t. 26.
- A. Serra*, Langsd. & Fisch. West Indies, Tropical America and Africa.  
var. *natalensis*, Baker. South Africa.
- A. Shepherdii*, Spreng. West Indies, Tropical America.
- A. sinuatum*, Beauv. Tropical Africa. Hook. Fil. Exot. t. 61.
- A. speciosum*, Mett. Malay Peninsula and Archipelago.
- A. striatum*, L. *See* *Shepherdii*.
- A. subsinuatum*, Hook. & Grev. *See* *lanceum*.
- A. sylvaticum*, Presl. Tropics, Old World.
- A. tenellum*, Roxb. *See* *lunulatum*, var.
- A. tenerum*, Forst. Ceylon, Malaya, Polynesia.  
var. *elongatum*, (Sw.) Baker. Malaya.



**Asplenium, L.—cont.**

**A. thelypteroides, Mich.** Temp. East Asia, North America.

**A. tomentosum, Hook.** N. India, Malay Peninsula and Islands.

**A. Trichomanes, L.** Temp. regions. Hook. Brit. Ferns, t. 29.

**A. umbrosum, J. Sm.** Tropical Asia, Africa and Australia, Canary Islands.

var. *procerum*, Baker. See *procerum*.

**A. unilaterale, Lam.** See *resectum*.

**A. veitchianum, Moore.** See *Belangeri*.

**A. Vieillardii, Mett.** New Caledonia.

var. *apicidens*, (Moore) Baker. South Sea Islands.

var. *Baptistii*, (Moore) Baker. South Sea Islands.

var. *Drueryi*, Hort.

**A. virescens, Mett.** Japan.

**A. viride, Huds.** North temp. zone. Hook. Brit. Ferns, t. 30.

**A. viviparum, Presl.** Mascarene Islands. Hook. Fil. Exot. t. 64.

var. *nobile*, Hort.

**A. vulcanicum, Bl.** Malay Islands.

**A. zeylanicum, Hook.** Ceylon. Sec. Cent. Ferns, t. 16.

**Athyrium.** See *Asplenium*.

**Balantium.** See *Dicksonia*.

**Blechnum, L.**

**B. Athematum, Presl.** See *Lomaria punctulata*, var. *blechnum*.







**Blechnum, L.—cont.**

- B. Banksii*, Mett. *See* Lomaria.
- B. boreale*, Sw. *See* Lomaria Spicant.
- B. brasiliense*, Desv. Tropical America.  
     var. *corcovadense*, (Raddi) Baker. Brazil.  
     var. *crispum*, Hort.
- B. cartilagineum*, Sw. Temperate Australia.
- B. corcovadense*, Raddi. *See* *brasiliense*, var.
- B. Gilliesii*, Mett. *See* Lomaria procera.
- B. glandulosum*, Link. *See* *occidentale*, var. *distans*.
- B. gracile*, Kaulf. *See* *longifolium*, var.
- B. hastatum*, Kaulf. Temperate South America. *B. trilobum*, Presl; Hook. & Grev. Ic. Fil. t. 192.
- B. lanceola*, Sw. Tropical America. Bot. Mag. t. 3240.
- B. latifolium*, Hort. *See* *longifolium*.
- B. lomarioides*, Gaud. *See* *orientale*.
- B. longifolium*, H. B. & K. Tropical America.  
     var. *fraxineum*, Baker.  
     var. *gracile*, Baker.
- B. occidentale*, L. West Indies, Trop. America, Chili.  
     var. *distans*, Baker. S. Brazil, Uruguay.  
     var. *cristatum*, Hort.
- B. orientale*, L. S. China to Polynesia and Australia.  
     Hook. Fil. Exot. t. 77.
- B. polypodioides*, Raddi. *See* *unilaterale*.
- B. punctulatum*, Sw. *See* Lomaria.
- B. rugosum*, Moore. Origin unknown.
- B. triangulare*, Link. *See* *unilaterale*.



**Blechnum, L.—cont.**

*B. trilobum*, Presl. *See* *hastatum*.

*B. unilaterale*, Willd. West Indies, Tropical America.

*Bolbitis. See* *Acrostichum*.

**Botrychium, Sw.**

*B. ternatum*, Sw. North and south temp. zones.

var. *dissectum*, Baker. North America, New Zealand.

*B. virginianum*, Sw. North temp. zone, Trop. America.  
Hook. Gard. Ferns, t. 29.

**Brainea, Hook.**

*B. insignis*, Hook. Fil. Exot. t. 38. Hong Kong and Khasia.

*Cænopteris. See* *Asplenium*.

*Callipteris. See* *Asplenium*.

*Campyloneuron. See* *Polypodium*.

*Campteria. See* *Pteris*.

*Camptosorus. See* *Scolopendrium*.

**Ceratopteris, Brongn.**

*C. thalictroides*, Brongn. Tropics. *Parkeria pteridoides*,  
Hook & Grev. Ic. Fil. t. 97; Hook. Exot. Fl. iii.  
t. 231.

*Ceropteris. See* *Gymnogramme*.

*Ceterach. See* *Asplenium*.



**Cheilanthes, Sw.**

- C. anceps*, Blandf. *See* *farinosa*, var.  
*C. argentea*, Hook. Fil. Exot. t. 95. North Asia, Malay Peninsula.  
*C. dicksonioides*, Endl. *See* *Hypolepis tenuifolia*.  
*C. elegans*, Desv. *See* *myriophylla*, var.  
*C. ellisiana*, Hort. *See* *hirta*, var.  
*C. farinosa*, Kaulf. Tropics. Bot. Mag. t. 4765.  
    var. *anceps*, Blandf. Himalaya.  
    var. *punctata*, Hort.  
*C. fragrans*, Sw. Europe, Orient, N. Africa, Canary Is.  
*C. hirta*, Sw. Tropical and South Africa.  
    var. *ellisiana*, Hort.  
*C. mexicana*, Davenp. Mexico.  
*C. micromera*, Link. *See* *microphylla*, var.  
*C. microphylla*, Sw. West Indies, Tropical America.  
    var. *micromera*, Baker. Central America.  
*C. myriophylla*, Desv. Tropical America.  
    var. *elegans*, Baker.  
*C. profusa*, Kze. *See* *Pellaea involuta*.  
*C. radiata*, R. Br. West Indies, Tropical America.  
*C. tomentosa*, Link. United States and Mexico.  
*C. undulata*, Hope & Wright. China.  
*C. vestita*, Sw. United States.

**Chrysodium.** *See* *Acrostichum*.

**Cibotium.** *See* *Dicksonia*.



Cincinalis. *See* Notholæna.

Cionidium. *See* Deparia.

Coniogramme. *See* Gymnogramme.

Conpteris. *See* Lonchitis.

*C. brazziana*, Linden. *See* Lonchitis pubescens, var.

Craspedaria. *See* Polypodium.

Cryptogramme, *R. Br.*

*C. crispa*, *R. Br.* North temp. zone. Hook. Brit. Ferns, t. 39.

var. *acrostichoides*, *Baker*. North America. *C. acrostichoides*, *R. Br.*; Hook & Grev. Ic. Fil. t. 29.

Cyathea, *J. E. Smith*.

*C. arborea*, *J. E. Sm.* West Indies, Tropical America.

*C. beyrichiana*, Presl. *See* Hemitelia setosa.

*C. dealbata*, *Sw.* New Zealand.

var. *tricolor*, (*Col.*) *Baker*.

*C. Dregel*, *Kze.* Tropical and South Africa.

var. *Burkei*, *Hook.* Tropical and South Africa.

*C. excelsa*, *Sw.* Bourbon and Mauritius.

*C. gracilis*, *Griseb.* Jamaica.

*C. Hookeri*, *Thw.* Ceylon.

*C. imrayana*, *Hook.* *See* Tussacii.

*C. insignis*, *D. C. Eaton.* West Indies.

*C. medullaris*, *Sw.* New Zealand. Hook. Gard. Ferns, t. 35.





*Cyathea*, *J. E. Smith*—cont.*C. mexicana*, *Schlecht.* Mexico.*C. princeps*, *J. Sm.* See *insignis*.*C. Serra*, *Willd.* West Indies, Tropical America.*C. Smithii*, *Hook. f.* See *Hemitelia Smithii*.*C. spinulosa*, *Wall.* India, Japan.*C. tricolor*, *Col.* See *dealbata*.*C. Tussacii*, *Desv.* West Indies.*Cyclodium.* See *Aspidium*.*Cyclopeltis.* See *Aspidium*.*Cyrtogonium.* See *Acrostichum*.*Cyrtomium.* See *Aspidium*.*Cyrtophlebium.* See *Polypodium*.*Cystopteris*, *Bernh.**C. alpina*, *Desv.* Europe, Asia Minor. *Hook. Brit. Ferns*, t. 24.*C. bulbifera*, *Bernh.* North America.*C. fragilis*, *Bernh.* Cosmopolitan. *Hook. Brit. Ferns*, t. 23.var. *angustata*, *Link.* Europe.var. *dickieana*, *Moore.* Scotland.*C. montana*, *Link.* Europe, North America. *Hook. Brit. Ferns*, t. 25.*C. tenuis*, *Schott.* See *fragilis*.*Darea.* See *Asplenium*.

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**Davallia, J. E. Smith.**

- D. aculeata, Sw.** West Indies.  
     var. *inermis, Hort.*
- D. affinis, Hook.** Tropical and sub-tropical Asia,  
     Polynesia.
- D. alpina, Bl.** Malaya, Polynesia.
- D. angustata, Wall.** Malay Peninsula and Islands.  
     Hook. & Grev. Ic. Fil. t. 231.
- D. assamica, Baker.** Bhotan, Manipur.
- D. bullata, Wall.** Japan, Tropical Asia.  
     var. *cristata, Hort.*  
     var. *cyphochlamys, Baker & Clarke.* Northern India.  
     var. *decora, (Moore) Baker.* Java.  
     var. *Mariesii, (Moore) Baker.* Japan.
- D. canariensis, J. E. Sm.** Western Europe and the  
     Canaries.
- D. chærophylla, Wall.** India, Malaya.
- D. ciliata, Hook.** Philippines.  
     var. *angustata, Hort.*
- D. decora, Moore.** See *bullata*, var.
- D. decurrens, Hook.** Philippines.
- D. dissecta, J. Sm.** Java.  
     var. *elegans, Hort.*
- D. divaricata, Bl.** India, Malaya.
- D. elata, Sw.** See *elegans*, var.
- D. elegans, Sw.** Tropical Asia, Africa and Australia.  
     var. *elata, Baker.*  
     var. *Kunzei, Hort.* Malaya.  
     var. *polydactyla, Hort.*

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*Davallia*, *J. E. Smith*—*cont.*

*D. epiphylla*, *Bl.* Malay Peninsula, Java.

*D. fejeensis*, *Hook.* Fiji Islands.

var. *effusa*, *Hort.*

var. *gracillima*, *Hort.*

var. *major*, *Hort.*

var. *plumosa*, *Hort.*

var. *robusta*, *Hort.*

*D. fijiensis*, *Hook. & Baker.* See *fejeensis*.

*D. fœniculacea*, *Hook.* Fiji.

*D. glabella*, *Hort.* Garden origin.

*D. griffithiana*, *Hook.* China, India, Malaya.

*D. hemiptera*, *Bory.* See *repens*.

*D. heterophylla*, *J. E. Sm.* Malay Peninsula, Polynesia.  
*Hook. Fil. Exot. t. 27.*

*D. hirta*, *Kaulf.* India, Malaya, Polynesia.

var. *cristata*, *Hort.*

*D. illustris*, *Hort.* Garden origin.

*D. immersa*, *Wall.* India, Malaya. *Hook. Fil. Exot.*  
*t. 79.*

*D. khasyana*, *Hook.* See *strigosa*.

*D. lawsoniana*, *Hort.* Garden origin.

*D. Lindleyi*, *Hook.* See *solida*, var. *caudata*.

*D. Lorranei*, *Hance.* Malay Peninsula.

*D. lonchitidea*, *Wall.* See *platyphylla*.

*D. lucida*, *Hort.* See *solida*.

*D. madagascariensis*, *Baker.* Madagascar.

*D. majuscula*, *Lowe.* Ceylon.



**Davallia, J. E. Smith—cont.**

- D. marginalis*, Baker. China, Japan, India.  
*D. Mariesii*, Moore. See *bullata*, var.  
*D. mauritiana*, Hook. Mauritius.  
*D. mooreana*, Masters. See *pallida*.  
*D. nitidula*, Kze. Tropical and South Africa.  
*D. Novæ-Zelandiæ*, Col. New Zealand.  
*D. ornata*, Wall. See *solida*, var. *latifolia*.  
*D. pallida*, Mett. Malaya and Polynesia.  
var. *intermedia*, Hort.  
*D. parvula*, Wall. Malay Peninsula and Archipelago.  
*D. pedata*, J. E. Sm. Tropical and subtropical Asia,  
Australia, Mascarene Islands. Hook. Gard. Ferns,  
t. 7.  
*D. pentaphylla*, Bl. Java, Polynesia. Hook. Fil. Exot.  
t. 37.  
*D. platyphylla*, D. Don. India. *D. lonchitidea*, Wall. ;  
Hook. Fil. Exot. t. 19.  
*D. polyantha*, Hook. See *divaricata*.  
*D. polypodioides*, D. Don. See *Speluncæ*.  
*D. pulchella*, Hook. Philippines, Fiji, Samoa.  
*D. pulchra*, D. Don. China, India.  
*D. pycnocarpa*, Brackenr. See *pentaphylla*.  
*D. repens*, Desv. India, Malaya, Polynesia.  
*D. retusa*, Cav. See *Lindsaya retusa*.  
*D. rhomboidea*, Wall. See *strigosa*, var.  
*D. scabra*, D. Don. See *marginalis*.





**Davallia**, *J. E. Smith—cont.*

*D. solida*, *Sw.* Malaya, Polynesia, Queensland. *Hook.*  
*Fil. Exot. t. 57.*

var. *caudata*, *Hook.* Singapore.

var. *latifolia*, *Hook.* Penang.

var. *Lindleyi*, *Hook.* See var. *caudata*.

var. *lucida*, *Hort.*

*D. Speluncæ*, *Baker.* Tropics, ubiquitous.

*D. stenocarpa*, *Hort. Par.* See *madagascariensis*.

*D. strigosa*, *Sw.* Tropical and subtropical Asia,  
 Polynesia.

var. *rhomboidea*, *Hook.* Northern India.

*D. tenuifolia*, *Sw.* Tropics of the Old World.

var. *stricta*, *Hort.*

var. *Veitchii*, *Hort.*

*D. trichosticha*, *Hook.* See *Speluncæ*.

*D. triphylla*, *Hook.* Singapore.

*D. Tyermanni*, *Baker.* China. *Hook. Ic. Pl. t. 1620.*

*D. villosa*, *Wall.* See *marginalis*.

*Dennstædtia.* See *Dicksonia*.

*Deparia*, *Hook. & Grev.*

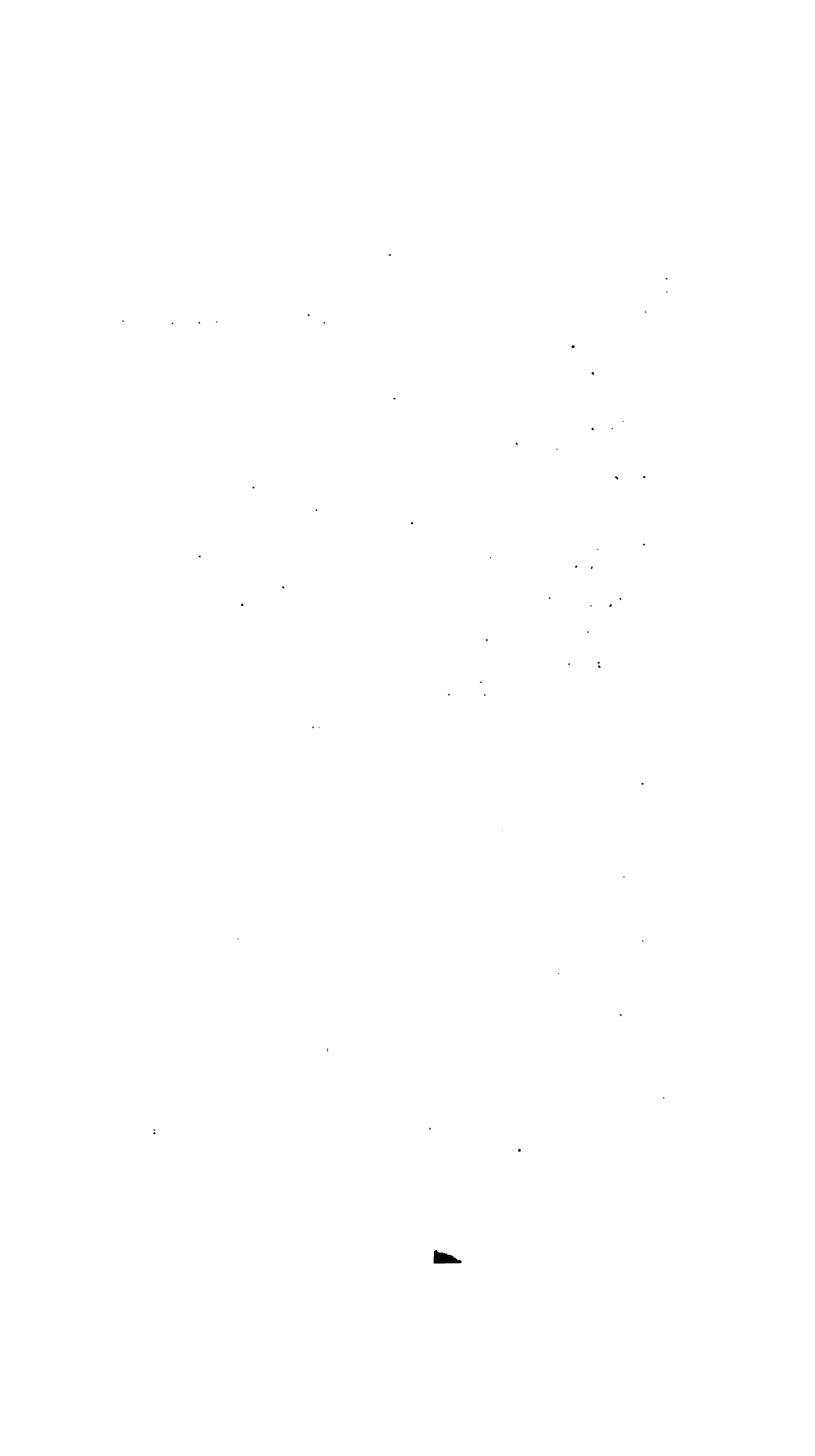
*D. Moorei*, *Hook.* New Caledonia. *Hook. Fil. Exot.*  
*t. 28.*

*Diacalpe*, *Bl.*

*D. aspidioides*, *Bl.* Tropical Asia.

*Dicksonia*, *L'Hérit.*

*D. adiantoides*, *H. B. & K.* West Indies, Tropical  
 America.



*Dicksonia*, *L'Hérit.*—*cont.*

- D. antarctica*, *Labill.* Australia.
- D. apiifolia*, *Hook.* Andes of Ecuador and Peru.
- D. arborescens*, *L'Hérit.* St. Helena.
- D. Barometz*, *Link.* Sub-tropical Asia.
- D. Chamissoi*, *Hook. & Baker.* Sandwich Islands.
- D. cicutaria*, *Sw.* West Indies, Tropical America.  
var. *tenera*, *Hort.*
- D. Culcita*, *L'Hérit.* Madeira, Azores and Spain.
- D. davallioides*, *R. Br.* Australia.
- D. Deplanchei*, *Vieill.* New Caledonia.
- D. fibrosa*, *Col.* New Zealand.
- D. glauca*, *J. E. Sm.* Sandwich Islands.
- D. gracilis*, *Col.* New Zealand.
- D. Herberti*, *Hill.* Queensland ?.
- D. karsteniana*, *Klotzsch.* See *sellowiana*, var.
- D. Lathamii*, *Moore.* Garden origin. *Gard. Chron.* 1885,  
xxiv. 584, 689, fig. 154.
- D. Menziesii*, *Hook. & Baker.* Sandwich Islands.
- D. obtusifolia*, *Willd.* See *adiantoides*.
- D. princeps*, *Hort.* See *Cyathea insignis*.
- D. punctiloba*, *Hook.* See *punctilobula*.
- D. punctilobula*, *A. Gray.* North America.
- D. regalis*, *Baker.* Mexico.
- D. rubiginosa*, *Kaulf.* West Indies, Tropical America.
- D. Schiedeii*, *Baker.* Central America.

1. *Chlorophyllum*  
 2. *Chlorophyllum*  
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 4. *Chlorophyllum*  
 5. *Chlorophyllum*  
 6. *Chlorophyllum*  
 7. *Chlorophyllum*  
 8. *Chlorophyllum*  
 9. *Chlorophyllum*  
 10. *Chlorophyllum*

**Dicksonia, L'Hérit.—cont.**

**D. sellowiana, Hook.** South Brazil.

var. **karsteniana, Baker.** Guatemala and Andes of Colombia.

**D. spectabilis, Hort.** See Wendlandi.

**D. squarrosa, Sw.** New Zealand.

**D. tenera, Hort.** See apiifolia.

**D. Wendlandi, Baker.** Guatemala.

var. **Verschaffeltii, Hort.**

**D. Youngiæ, C. Moore.** New South Wales.

**Dictyogramme.** See Gymnogramme.

**Dictyopteris.** See Polypodium.

**Didymochlæna, Desv.**

**D. lunulata, Desv.** Tropics, ubiquitous. Hook. Gard. Ferns, t. 17.

**D. sinuosa, Desv.** See lunulata.

**D. truncatula, J. Sm.** See lunulata.

**Didymoglossum.** See Hymenophyllum.

**Diplazium.** See Asplenium.

**Dipteris.** See Polypodium.

**Disphenia.** See Cyathea.

**Doodia, R. Br.**

**D. amœna, Hort.** Garden origin.

**D. aspera, R. Br.** Temperate Australia.

var. **multifida, Hort.**



**Feea.** *See* Trichomanes.

**Gleichenia**, *J. E. Smith.*

**G. circinata**, *Sw.* Australia, New Zealand, Malaya.

var. *backhousiana*, *Hort.*

var. *semivestita*, (*Labill.*) *Baker.* New Caledonia.

**G. dicarpa**, *R. Br.* Australia, New Zealand. Hook.  
Fil. Exot. t. 40.

var. *alpina*, *Hook.* Tasmania, New Zealand, Malaya.

var. *glauca*, *Moore.*

var. *longipinnata*, *Hort.*

**G. flabellata**, *R. Br.* Australia, New Zealand, New  
Caledonia. Hook. Fil. Exot. t. 71.

*G. longipinnata*, *Hort.* *See* *dicarpa*, var.

**G. rupestris**, *R. Br.* Australia.

var. *glaucescens*, *Hort.*

**Goniophlebium.** *See* Polypodium.

**Goniopteris.** *See* Polypodium.

**Gymnogramme**, *Desv.*

**G. ampla**, *Benth.* Australia.

**G. calomelanos**, *Kaulf.* West Indies, Tropical America.  
Hook. Gard. Ferns, t. 50.

var. *Alstoni*, *Hort.*

var. *argyrophylla*, *Hort.*

var. *chrysophylla*, *Baker.*

var. *grandiceps*, *Hort.*

var. *grandiceps superba*, *Hort.*

var. *intermedia*, (*Fée*).

var. *Martensii*, (*Link*) *Baker.*



1. The first part of the document is a list of names and addresses, which are arranged in two columns. The names are written in a cursive script, and the addresses are written in a more formal, printed style. The list includes names such as "John A. Smith", "Mary E. Jones", and "Robert L. Brown".

**Gymnogramme, Desv.—cont.**

**G. caudiformis**, Hook. Tropical Asia, Polynesia. *Grammitis caudiformis*, Hook. Bot. Mag. t. 5328.

**G. chrysophylla**, Kaulf. See *calomelanos*.

**G. decurrens**, Hook. See *elliptica*.

**G. dobroydense**, Hort. Garden origin.  
var. *cristata*, Hort.

**G. elliptica**, Baker. Tropical Asia, Queensland. *Grammitis decurrens*, Hook. & Grev. Ic. Fil. t. 6.

**G. gracilis**, Heward. Jamaica.

**G. hamiltoniana**, Hook. Eastern Himalaya.

**G. Heyderi**, Lauche. Dominica.  
var. *argentea*, Hort.

**G. japonica**, Hook. Japan, Formosa.

**G. laucheana**, K. Koch. See *calomelanos*.

**G. leptophylla**, Desv. Cosmopolitan. Hook. Brit. Ferns, t. 1.

**G. L'Herminieri**, Link. See *calomelanos*.

**G. Mathewsii**, Hook. Peru.

**G. Muelleri**, Hook. Australia.

**G. multiceps**, Hort. See *calomelanos*.

**G. ochracea**, Presl. See *tartarea*, var.

**G. Parsonsii**, Moore. See *calomelanos*.

**G. Pearcei**, Moore. Peru.  
var. *robusta*, Hort.



**Gymnogramme, Desv.—cont.**

*G. peruviana*, Desv. See *calomelanos*.

*G. pulchella*, Linden. Venezuela. Hook. Fil. Exot. t. 74.

var. *wettenhalliana*, Hort.

var. *Mayi*, Hort.

*G. rufa*, Desv. West Indies, Tropical America.

*G. schizophylla*, Baker. Hook. Ic. Pl. t. 1682.

var. *elegantissima*, Hort.

var. *gloriosa*, Rodigas. Ill. Hort. 1884, t. 522.

*G. sulphurea*, Desv. West Indies.

var. *grandiceps*, Hort.

*G. tartarea*, Desv. Tropical America.

var. *ochracea*, Baker. South Brazil.

*G. tomentosa*, Desv. South America. Hook. Fil. Exot. t. 13.

*G. triangularis*, Kaulf. From Vancouver Island to Ecuador. Hook. Fil. Exot. t. 10.

*G. Veitchii*, Hort. Garden hybrid.

**Gymnopteris.** See *Acrostichum*.

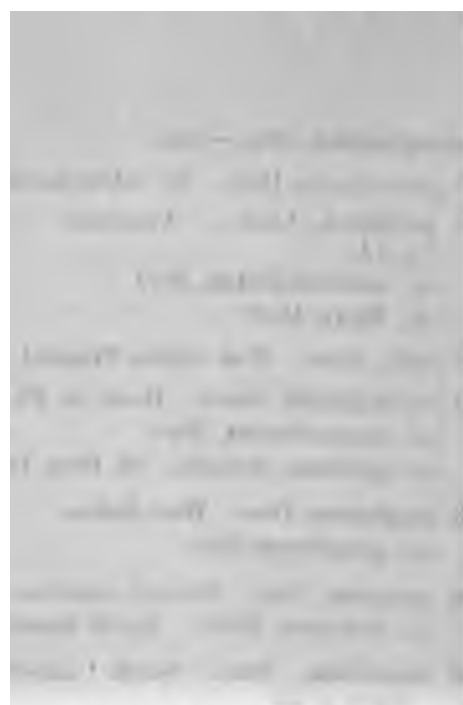
**Haplopteris.** See *Vittaria*.

**Helminthostachys, Kaulf.**

*H. dulcis*, Kaulf. See *zeylanica*.

*H. zeylanica*, Hook. India, Malaya, Queensland. Hook. Gard. Ferns, t. 28.

**Hemidictyum.**



1. The first part of the document is a list of the names of the members of the committee.

2. The second part of the document is a list of the names of the members of the committee.

3. The third part of the document is a list of the names of the members of the committee.

4. The fourth part of the document is a list of the names of the members of the committee.

5. The fifth part of the document is a list of the names of the members of the committee.

6. The sixth part of the document is a list of the names of the members of the committee.

7. The seventh part of the document is a list of the names of the members of the committee.

8. The eighth part of the document is a list of the names of the members of the committee.

9. The ninth part of the document is a list of the names of the members of the committee.

10. The tenth part of the document is a list of the names of the members of the committee.



**Hemionitis, L.**

*H. cordata*, *Roxb.* India, Malaya. Hook. & Grev. Ic. Fil. t. 64.

*H. palmata*, *L.* West Indies, Tropical America.

**Hemitelia, R. Br.**

*H. capensis*, *R. Br.* South Africa, Brazil.

*H. setosa*, *Mett.* Brazil.

*H. Smithii*, *Hook.* New Zealand.

*H. speciosa*, *Hook.* Colombia. Hook. Fil. Exot. t. 66.  
var. *Klotzschii*, *Hort.*

*Humata.* See *Davallia*.

*Hymenodium.* See *Acrostichum*.

*Hymenolepis.* See *Acrostichum*.

**Hymenophyllum, J. E. Sm.**

*H. asplenioides*, *Sw.* West Indies, Tropical America.

*H. axillare*, *Sw.* West Indies, Venezuela.

*H. capillaceum*, *Roxb.* St. Helena.

*H. Catharinæ*, *Hook.* West Indies.

*H. caudiculatum*, *Mart.* Tropical America, Chili.

*H. chilense*, *Hook.* South Chili and Island of Chiloe.

*H. ciliatum*, *Sw.* Tropical Africa and America. Hook. & Grev. Ic. Fil. t. 35.

*H. crispatum*, *Wall.* See *javanicum*, var.

*H. eruentum*, *Cav.* Chili. Hook. Sp. Fil. i. t. 31, fig. A.



**Hymenophyllum, J. E. Sm.—cont.**

*H. pulcherrimum*, Col. New Zealand.

*H. rarum*, R. Br. S. Africa, Mascarene Islands, New Zealand.

*H. scabrum*, A. Rich. New Zealand.

*H. sericeum*, Sw. West Indies, Tropical America.

*H. subtilissimum*, Kze. New Zealand.

*H. tamariscifolium*, Hort. See *javanicum*, var.

*H. tunbridgense*, Sw. Ubiquitous. Hook. Brit. Ferns, t. 43.  
var. *Wilsoni*, Hook. Britain, Norway. *H. Wilsoni*,  
Hook. Brit. Ferns, t. 44.

*H. villosum*, Col. See *polyanthos*, var.

**Hypoderris, R. Br.**

*H. Brownii*, J. Sm. Trinidad. Hook. Gard. Ferns, t. 24.

**Hypolepis, Bernh.**

*H. bergiana*, Hook. Tropical and South Africa.

*H. millefolia*, Hook. New Zealand.

*H. purdieana*, Hook. Colombia.

*H. radiata*, Hook. See *Cheilanthes*.

*H. repens*, Presl. West Indies, Tropical America.

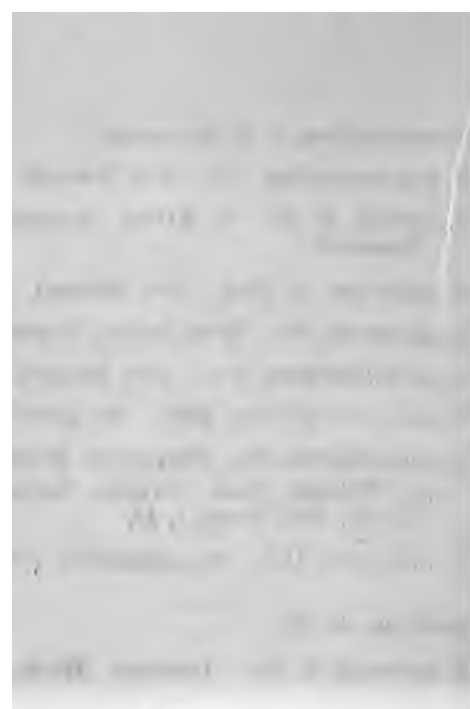
*H. tenuifolia*, Bernh. Malaya, Polynesia, Australasia.

*Isoloma*. See *Lindsaya*.

**Kaulfussia, Bl.**

*K. æsculifolia*, Bl. Assam, Malaya. Hook. & Grev. Ic.  
Fil. t. 229.





1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper record-keeping is essential for the integrity of the financial system and for the ability to detect and prevent fraud. The text also mentions the need for regular audits and the role of independent auditors in ensuring the reliability of the data.

2. The second part of the document focuses on the challenges faced by organizations in implementing effective internal controls. It highlights the complexity of modern business environments and the need for continuous improvement in control systems. The text suggests that organizations should adopt a risk-based approach to internal control, focusing on areas of high risk and ensuring that controls are tailored to the specific needs of the organization.

3. The third part of the document discusses the importance of transparency and accountability in financial reporting. It notes that stakeholders, including investors, creditors, and the public, rely on accurate and timely financial information to make informed decisions. The text stresses the need for organizations to adhere to high standards of financial reporting and to provide clear and concise disclosures of all material information.

4. The fourth part of the document addresses the issue of data security and the protection of sensitive information. It recognizes that in today's digital age, organizations are increasingly vulnerable to cyber threats and data breaches. The text recommends that organizations implement robust security measures, including encryption, access controls, and regular security assessments, to protect their data and maintain the trust of their stakeholders.

5. The fifth part of the document concludes by emphasizing the importance of a strong corporate governance framework. It states that effective governance is the foundation for successful business operations and is essential for ensuring the long-term sustainability of the organization. The text encourages organizations to establish clear lines of responsibility and accountability, and to foster a culture of integrity and ethical behavior throughout the organization.

**Lastrea.** *See* **Nephrodium.**

*L. aristata*, Hort. *See* **Aspidium aristatum.**

*L. atrovirens*, J. Sm. *See* **Nephrodium decompositum.**

*L. opaca*, Hook. *See* **Aspidium varium.**

**Lepicystis.** *See* **Polypodium.**

**Leptochilus.** *See* **Acrostichum.**

**Leptogramme.** *See* **Gymnogramme.**

•

**Leptopteris.** *See* **Todea.**

**Leucostegia.** *See* **Davallia.**

**Lindsaya, Dry.**

*L. guianensis*, Dry. West Indies, Tropical America.

*L. linearis*, Sw. Australia, New Zealand.

*L. Lowii*, Hort. *See* **Acrostichum sorbifolium.**

*L. retusa*, Mett. Malaya.

*L. trapeziformis*, Dry. Tropical America, Malaya.  
var. *falcata*, Baker. West Indies.

**Litobrochia.** *See* **Pteris.**

**Llavea, Lag.**

*L. cordifolia*, Lag. Mexico. Bot. Mag. t. 5159.

**Lomaria, Willd.**

*L. alpina*, Spreng. South temperate zone. Hook. Fil.  
Exot. t. 32.



*Lomaria*, Willd.—cont.

*L. attenuata*, Willd. Tropical and South temperate regions.

var. *gigantea*, (Kaulf.) Baker. South Africa. *L. gigantea*, Kaulf.; Ill. Hort. 1876, t. 237.

var. *heterophylla*, Hort.

*L. Banksii*, Hook. f. New Zealand.

*L. boryana*, Willd. Tropical and South temperate regions.

*L. capensis*, Willd. *See procera*.

*L. ciliata*, Moore. New Caledonia. Ill. Hort. 1876, t. 252.

*L. discolor*, Willd. Australia and New Zealand.

var. *bipinnatifida*, Hort.

var. *nuda*, (R. Br.) Baker. Australia.

*L. fluviatilis*, Spreng. Australia and New Zealand. Hook. f. Fl. Tasm. t. 16.

*L. gibba*, Labill. Sert. Austr. Caled. tt. 4-5. New Caledonia, &c. *L. neocaledonica*, Linden & Fourn. Ill. Hort. 1876, t. 251.

var. *blechnoides*, Hort.

var. *tincta*, Hort.

*L. gigantea*, Kaulf. *See attenuata*.

*L. Gilliesii*, Hook. & Grev. *See procera*.

*L. heterophylla*, Hort. *See attenuata*.

*L. lanceolata*, Spreng. Australia, New Zealand, Polynesia. Hook. Ic. Pl. t. 429.

*L. L'Herminieri*, Bory. West Indies, Tropical America, Chili. Hook. Gard. Ferns, t. 40.

*L. magellanica*, Desv. *See boryana*.

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**Lomaria, Willd—cont.**

**L. membranacea**, Col. New Zealand. Hook. Sp. Fil. iii. t. 145.

**L. minor**, R. Br. *See* *procera*.

**L. neocaledonica**, Linden & Fourn. *See* *gibba*.

**L. nipponica**, Kunze. Japan.

**L. Patersonii**, Spreng. Australia. Hook. Fil. Exot. t. 49.

**L. procera**, Spreng. Southern Hemisphere. Hook. Gard. Ferns, t. 53.

**L. punctulata**, Kze. South Africa. *Scolopendrium Krebsii*, Kze ; Bot. Mag. t. 4768.

var. *blechnoidea*, Baker. South Africa.

**L. Spicant**, Desv. North temperate zone. *Blechnum boreale*, Sw. ; Hook. Brit. Ferns, t. 40.

var. *imbricata*, Hort.

**L. tuberculata**, J. Sm. *See* *procera*.

**L. zamiaefolia**, Hort. *See* *boryana*.

**L. zamoides**, Gardn. *See* *boryana*.

**Lomariopsis**. *See* *Acrostichum*.

**L. buxifolium**, Fée. *See* *A. sorbifolium*, var. *buxifolium*.

**Lonchitis, L.**

**L. pubescens**, Willd. Tropics.

var. *mollissima*, Hort. Tropical Africa. *Conpteris brazziana*, Linden.

**Lopholepis**. *See* *Polypodium*.

**Lophosoria**. *See* *Alsophila*.



1. The first part of the document is a list of the names of the persons who have been named in the various reports of the committee. The names are given in alphabetical order, and are followed by the page number at which they are mentioned. This list is followed by a table of the names of the persons who have been named in the various reports of the committee, and is followed by a table of the names of the persons who have been named in the various reports of the committee.

2. The second part of the document is a list of the names of the persons who have been named in the various reports of the committee. The names are given in alphabetical order, and are followed by the page number at which they are mentioned. This list is followed by a table of the names of the persons who have been named in the various reports of the committee, and is followed by a table of the names of the persons who have been named in the various reports of the committee.

Lorinseria. *See* Woodwardia.

Lotzea. *See* Asplenium.

Loxoscapha. *See* Davallia.

Lygodictyon. *See* Lygodium.

*L. Fosteri*, J. Sm. *See* Lygodium reticulatum.

**Lygodium**, Sw.

*L. circinatum*, Sw. *See* dichotomum.

*L. dichotomum*, Sw. Tropical Asia. Hook. & Grev.  
Ic. Fil. t. 55.

*L. japonicum*, Sw. Tropics of the Old World.

*L. palmatum*, Sw. United States. Hook. Fil. Exot.  
t. 24.

*L. reticulatum*, Schkuhr. Polynesia, East Tropical  
Australia.

*L. scandens*, Sw. Tropics of the Old World.  
var. *microphyllum*, (R. Br.) Baker. Australia.

*L. volubile*, Sw. West Indies, Tropical America.

**Marattia**, J. E. Sm.

*M. alata*, J. E. Sm. West Indies, Central America.

*M. attenuata*, Labill. New Caledonia. Ill. Hort. 1876,  
t. 246.

*M. Ascensionis*, J. Sm. *See* fraxinea, var. *purpurascens*.

*M. Burkei*, Baker. Colombia. Gard. Chron. 1897, xxii.  
425, fig. 129.

*M. Cooperi*, Hort. *See* attenuata.

*M. cristata*, J. Sm. *See* fraxinea, var. *purpurascens*.



... and ...

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1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971) using a Shimadzu 1010 UV-Visible Spectrophotometer.

*Journal of Management Studies*, 36(7), 809-826.

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971).

Age Group	No opinion	Not a good idea	Good idea	Excellent idea
18-24	35%	10%	35%	20%
25-34	25%	15%	40%	20%
35-44	20%	20%	45%	15%
45-54	15%	25%	50%	10%
55-64	10%	30%	55%	5%
65+	5%	35%	55%	5%

1. *Journal of the American Medical Association*, 1997; 278: 1039-1044.

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

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**Marattia, J. E. Sm.—cont.**

*M. elegans*, Endl. *See fraxinea*.

**M. fraxinea, J. E. Sm.** Tropics and sub-tropics of the Old World. Bedd. Handb. Ferns Ind. 461.

var. *purpurascens*, (*De Vriese*) *Baker*. Ascension Island.

**M. Kaulfussii, J. Sm.** West Indies, Tropical America.

**M. laxa, Kze.** Mexico.

*M. Moorei*, Hort. *See attenuata*.

*M. sorbifolia*, Bory. *See fraxinea*.

**Meniscium, Schreb.**

*M. deltigerum*, Wall. *See Acrostichum virens*.

**M. reticulatum, Schkuhr.** West Indies, Tropical America.

var. *macrophyllum*, *Baker*. Brazil.

**M. serratum, Cav.** West Indies, Tropical America.

**M. simplex, Hook.** Tropical and sub-tropical Asia. Hook. Fil. Exot. t. 73.

**Mertensia.** *See Gleichenia*.

**Mesochlæna.** *See Didymochlæna*.

**Microlepia.** *See Davallia*.

**Microsorium.** *See Polypodium*.

**Mohria, Sw.**

**M. Caffrorum, Desv.** South Africa.

var. *achilleæfolia*, *Hort*.

*M. thurifraga*, Sw *See Caffrorum*.



**Myriopteris.** *See* Cheilanthes.

**Neottopteris.** *See* Asplenium.

**Nephrodium**, *L. C. Rich.*

*N. acrostichoides*, Michx. *See* Aspidium.

*N. affine*, Lowe. *See* Filix-Mas.

**N. albopunctatum**, *Desv.* Tropical and South Africa,  
Mascarene Islands, Fiji. Hook. Fil. Exot. t. 89.

*N. areolatum*, Hort. *See* Woodwardia areolata.

*N. atratum*, Wall. *See* hirtipes.

*N. Blumei*, Hook. *See* intermedium.

**N. canum**, *Baker.* Himalaya.

**N. chrysolobum**, *Fée.* Brazil and Colombia.

**N. cicutarium**, *Baker.* Tropics, ubiquitous. *Aspidium*  
*coadunatum*, Hook. & Grev. Ic. Fil. t. 202.

*N. cochleatum*, D. Don. *See* Filix-mas, var.

**N. confluens**, *F. Muell.* Queensland.

**N. conterminum**, *Desv.* West Indies, Tropical America.

*N. coruscum*, Hort. *See* Aspidium varium.

**N. crinitum**, *Desv.* Mascarene Islands. *Polypodium*  
*crinitum*, Hook. & Grev. Ic. Fil. t. 66.

**N. cristatum**, *Michx.* Europe, North America. Hook.  
Brit. Ferns, t. 17.

var. *clintonianum*, *Hort.*

var. *uliginosum*, *Baker.*

**N. cuspidatum**, *Baker.* Northern India, Yunnan.  
*Lastrea cuspidata*, Bedd. Handb. Ferns Ind. 232.



**Nephrodium, L. C. Rich.—cont.**

**N. decompositum, R. Br.** Australia, New Zealand, Polynesia.

var. **glabellum, Baker.** Australia, New Zealand.

var. **Shepherdii, (Kze) Baker.** Australia, New Zealand

**N. decurrens, Baker.** Tropical Asia.

var. **Thwaitesii, J. Sm.** Ceylon.

**N. decursivopinnatum, Baker.** China and Japan.

**N. dilatatum, Desv.** See *spinulosum*, var.

**N. dissectum, Desv.** Tropics of the Old World.

var. **membranifolium, (Presl) Baker.** Malaya.

**N. effusum, Baker.** West Indies, Tropical America.

var. **divergens, Baker.**

**N. erythrosorum, Hook.** China, Japan. Hook. Sp. Fil. iv. t. 253.

**N.\* Filix-mas, L. C. Rich.** Temperate regions, ubiquitous. Hook. Brit. Ferns, t. 15.

var. **cochleatum, Hook.** India.

**N. fragrans, Richardson.** North Asia, North America.

**N. glabellum, A. Cunn.** See *decompositum*.

**N. goldieanum, Hook.** North America. Hook. & Grev. Ic. Fil. t. 102.

**N. Grisebachii, Baker.** Cuba.

**N. hirtipes, Hook.** Tropical Asia. *Lastrea hirtipes*, Bedd. Handb. Ferns Ind. 233.

**N. hispidum, Hook.** Australia, New Zealand.

**N. intermedium, Baker.** Tropical Asia.

**N. Jenmani, Baker.** Jamaica.

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\* For garden varieties, see p. 175.



**Nephrodium, L. C. Rich.—cont.**

- N. lacerum, Baker.** Japan.
- N. latifolium, Baker.** Polynesia.
- N. lepidum, Moore.** Polynesia.
- N. leuzeanum, Hook.** Tropical Asia, Polynesia. *Pleocnemia leuzeana*, Presl ; Gard. Chron. 1874, ii. 355, fig. 74.
- N. macrophyllum, Baker.** West Indies Tropical America.  
var. *calvatum, Hort.*
- N. marginale, Michx.** North America.
- N. Maximowiczii, Baker.** China.
- N. membranifolium, Presl.** See *dissectum*.
- N. molle, Desv.** Ubiquitous in warm countries.  
var. *polydactylon, Hort.* Tropics.
- N. montanum, Baker.** Europe, North America.  
*N. Oreopteris*, Desv. ; Hook. Brit. Ferns, t. 14.
- N. nevadense, Baker.** California.
- N. noveboracense, Desv.** North America.
- N. Oreopteris, Desv.** See *montanum*.
- N. patens, Desv.** Tropics and slightly beyond.
- N. patulum, Baker.** West Indies, Tropical America.
- N. polymorphum, Baker.** India, Malaya.
- N. prolificum, Maxim.** See *erythrosorum*.
- N. recedens, Hook.** Philippines, India, Ceylon.
- N. Richardsi, Baker.** New Caledonia.  
var. *multifidum, Hort.*





**Nephrodium, L. C. Rich.—cont.**

- N. rigidum, Desv.** North temperate zone. Hook.  
Brit. Ferns, t. 16.  
var. **americanum, Hook.** North America.
- N. sanctum, Baker.** West Indies, Guatemala.
- N. scabrosum, Baker.** Nilgherries. *Lastrea scabrosa*,  
Bedd. Hand. Ferns Ind. 263.
- N. setigerum, Baker.** Japan, Tropical Asia, Polynesia.  
var. **cristatum, Hort.**
- N. Sieboldii, Hook.** Fil. Exot. t. 31. Japan.
- N. Sloanei, Baker.** West Indies, Tropical America.
- N. \*spinulosum, Desv.** North temperate zone.  
var. **Boottii, Baker.** United States.  
var. **dilatatum, Hook.** Europe. Hook. Brit. Ferns, t. 19.
- N. subbiauratum, Hook.** Madagascar.
- N. subtriphyllum, Baker.** Tropical Asia, Polynesia,  
Mascarene Is.
- N. tenericaule, Hook.** See *setigerum*.
- N. Thelypteris, Desv.** North and South temperate zones.  
Hook. Brit. Ferns, t. 13.
- N. trichophorum, Baker.** Guadeloupe.
- N. truncatum, Presl.** India, Malaya, Polynesia,  
Australia.
- N. unitum, R. Br.** Tropical and subtropical regions.
- N. variolosum, Baker.** India, Malaya.
- N. villosum, Presl.** West Indies, Tropical America.

**Nephrolepis, Schott.**

- N. acuta, Presl.** Tropics, ubiquitous.

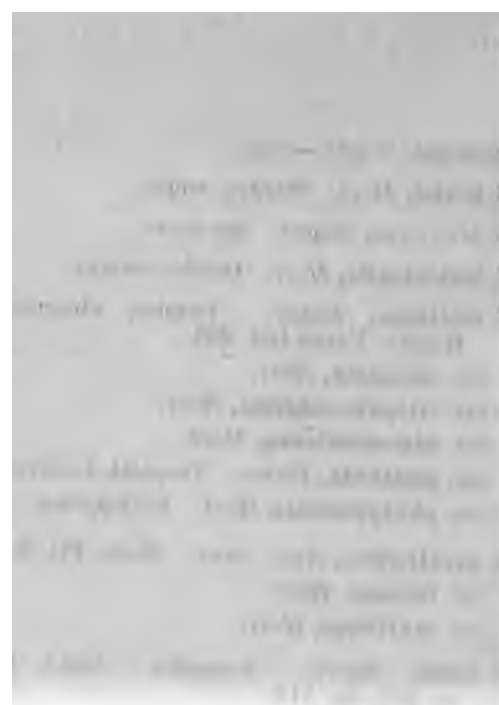
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\* For garden varieties, see p. 179.



**Nephrolepis, Schott—cont.**

- N. Bausei**, *Hort.* Garden origin.
- N. biserrata**, Schott. *See acuta.*
- N. bostoniensis**, *Hort.* Garden origin.
- N. cordifolia**, *Baker.* Tropics, ubiquitous. Bedd. Handb. Ferns Ind. 283.  
     var. *compacta*, *Hort.*  
     var. *crispato-congesta*, *Hort.*  
     var. *edmontoniensis*, *Hort.*  
     var. *pectinata*, *Baker.* Tropical America.  
     var. *philippinensis*, *Hort.* Philippines.
- N. davallioides**, *Kze.* Java. Hook. Fil. Exot. t. 60.  
     var. *furcans*, *Hort.*  
     var. *multiceps*, *Hort.*
- N. Duffii**, *Moore.* Australia. Gard. Chron. 1878, ix. 623, fig. 113.
- N. ensifolia**, Presl. *See acuta.*
- N. exaltata**, Schott. Tropics, ubiquitous. Bedd. Ferns S. Ind. t. 93.  
     var. *Barteri*, *Hort.* West Tropical Africa.  
     var. *hirsutula*, *Baker.* Malaya, Tropical Australia.
- N. Faulkneri**, *Hort.* Garden origin.
- N. floccigera**, *Hort.* Garden origin.
- N. Fosteri**, *Hort.* Garden origin.
- N. Hestoni**, *Hort.* Garden origin.
- N. pectinata**, Schott. *See cordifolia*, var.
- N. philippinensis**, *Hort.* *See cordifolia*, var.
- N. Pluma**, *Moore.* Madagascar. Gard. Chron. 1878, ix. 589, fig. 108.



**Nephrolepis, Schott—cont.**

**N. ramosa, Moore.** Tropics of the Old World.

**N. recurvata, Hort.** See *exaltata*.

**N. rufescens, Presl.** Tropics.

var. **Mayi, Hort.**

var. **tripinnatifida, Baker.** Solomon Islands.

**N. tuberosa, Presl.** See *cordifolia*.

**N. undulata, J. Sm.** See *cordifolia*.

**N. Westoni, Hort.** Garden origin.

**N. Wittboldi, Hort.** Garden origin.

**Neurocallis.** See *Acrostichum*.

**Niphobolus.** See *Polypodium*.

**Niphopsis.** See *Polypodium*.

**Nothochlæna.** See *Notholæna*.

**Notholæna, R. Br.**

**N. distans, R. Br.** Australia, New Zealand, New Caledonia.

**N. eckloniana, Kze.** South Africa.

**N. ferruginea, Hook.** West Indies, Tropical America.

**N. flavens, Moore.** Central America. *Gymnogramme flavens*, Sw.; Hook. Fil. Exot. t. 47.

**N. Hookeri, Lowe.** See *nivea*.

**N. lævis, Martens & Gal.** See *sinuata*.

**N. lanuginosa, Desv.** S. Europe, Atlantic Islands, Australia.

**N. Marantæ, R. Br.** S. Europe, N. Africa, temp. Asia.



**Notholaena, R. Br.—cont.**

*N. rufa*, Presl. *See ferruginea*.

*N. sinuata*, Kaulf. Tropical America.

*N. trichomanoides*, R. Br. Jamaica, Cuba.

**Odontosoria.** *See Davallia*.

**Oleandra, Cav.**

*O. articulata*, Cav. Tropical and S. Africa, Mascarene Islands.

*O. nodosa*, Presl. West Indies, Tropical America.

**Olfersia.** *See Acrostichum*.

**Onoclea, L.**

*O. germanica*, Willd. North temperate zone.

*O. pennsylvanica*, Willd. *See germanica*.

*O. sensibilis*, L. Northern Asia, North America.

**Onychium, Kaulf.**

*O. japonicum*, Kze. Japan, Himalaya.

*O. lucidum*, Spreng. *See japonicum*.

**Ophioglossum, L.**

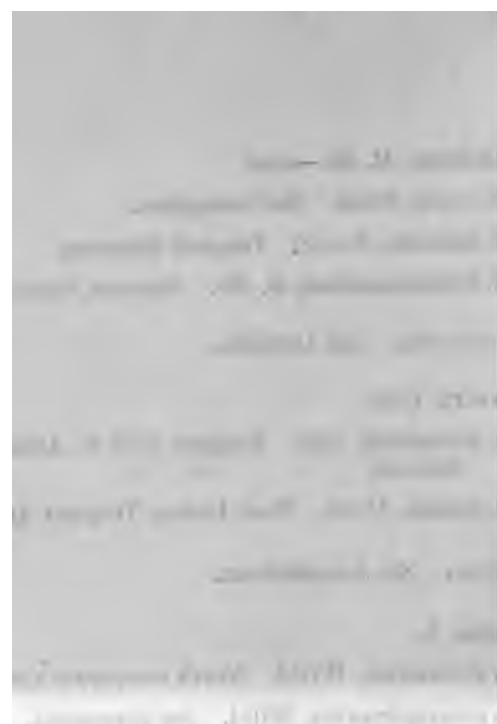
*O. vulgatum*, L. Ubiquitous in cold and temperate regions. Hook. Brit. Ferns, t. 46.

**Osmunda, L.**

*O. bipinnata*, Hook. Fil. Exot. t. 9. Hong Kong.

*O. cinnamomea*, L. North and Central America, West Indies, Northern Asia. Hook. Gard. Ferns, t. 45.





**Osmunda, L.—cont.**

- O. claytoniana, L.** North America, Himalaya.  
*O. interrupta*, Michx. *See* claytoniana.  
*O. japonica*, Thunb. *See* regalis.  
**O. javanica, Bl.** From Kamschatka to Java.  
**O. \*regalis, L.** North and South temp. regions. Hook.  
 Brit. Ferns, t. 45.  
 var. *japonica*, Milde. Japan.  
*O. spectabilis*, Willd. *See* regalis.

**Pæsia.** *See* Pteris.

**Paragramma.** *See* Polypodium.

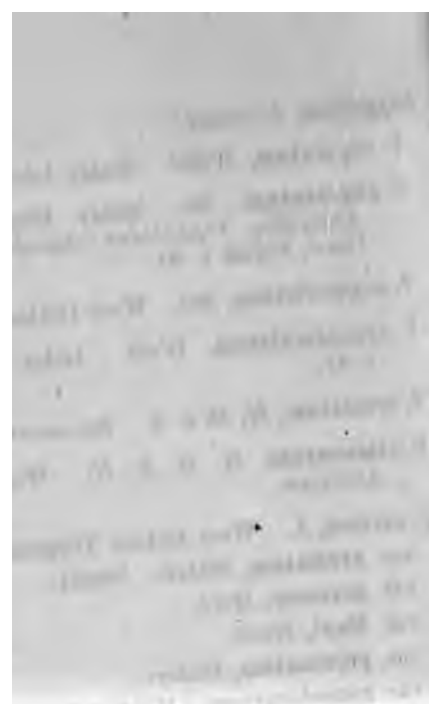
**Parkeria.** *See* Ceratopteris.

**Pellæa, Link.**

- P. adiantifolia*, Hort. *See* hastata.  
**P. atropurpurea, Link.** North and Central America.  
 Lowe, Ferns, iii. t. 30.  
**P. cordata, J. Sm.** Mexico, Western South America.  
*Allosorus cordatus*, Presl; Bot. Mag. t. 4698.  
 var. *flexuosa*, Baker. Western South America.  
*Allosorus flexuosus*, Kaulf.; Bot. Mag. t. 4762.  
**P. densa, Hook.** North America.  
**P. falcata, Fée.** Tropical Asia and Australia.  
**P. geraniifolia, Fée.** Tropics. *Pteris geraniifolia*,  
 Raddi; Hook. Ic. Pl. t. 915.  
**P. gracilis, Hook.** Northern Asia, North America.  
**P. hastata, Link.** Tropical and South Africa. Hook.  
 Fil. Exot. t. 50.

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\* For garden varieties, *see* p. 179.



**Polypodium, L.—cont.**

- P. coronans*, Wall. *See* conjugatum.
- P. crassifolium*, L. West Indies, Tropical America.  
var. *albopunctatissimum*, (J. Sm.) Baker. Brazil.
- P. cuspidatum*, Bl. *See* persicæfolium.
- P. decurrens*, Radlk. Tropical America.
- P. dissimile*, Hook. *See* chnoodes.
- P. distans*, Raddi. *See* fraxinifolium.
- P. divergens*, Willd. *See* Nephrodium effusum, var.
- P. diversifolium*, Sw. Tropical America. Hook. Gard. Ferns, t. 5.
- P. Dryopteris*, L. North temperate zone. Hook. Brit. Ferns, t. 4.  
var. *robertianum*, Ruprecht. *P. robertianum*, Hoffm.; Hook. Brit. Ferns, t. 5.
- P. effusum*, Sw. *See* Nephrodium.
- P. elasticum*, L. C. Rich. Tropical America.
- P. ensifolium*, Willd. *See* angustifolium.
- P. falcatum*, Kellogg. California.
- P. Fendleri*, Eaton. Venezuela, Colombia.
- P. fossum*, Baker. Garden origin.
- P. fraxinifolium*, Jacq. Tropical America. Jacq. Ic. t. 639.
- P. glaucophyllum*, Kze. West Indies, Tropical America, West Africa. *Goniophlebium glaucophyllum*, J. Sm.; Gard. Chron. 1874, ii. 7, fig. 1.  
var. *glabrum*, Moore.  
var. *viride*, Hort.
- P. grande*, Presl. *See* macropterum, var. *splendidum*.

1. The first of these is the

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third of the three

fourth of the three

fifth of the three

sixth of the three

seventh of the three

eighth of the three

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twelfth of the three

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fourteenth of the three

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**Polypodium, L.—cont.**

- P. guatemalense**, *Hook.* Central America.
- P. harpeodes**, *Link.* *See* *loriceum*.
- P. hastatum**, *Thunb.* Japan.
- P. hemionitideum**, *Wall.* North India, South China.
- P. Heracleum**, *Kze.* Java, Philippines. *Hook. Gard. Ferns*, t. 1.
- P. hexagonopterum**, *Michx.* North America. *Hook. & Grev. Ic. Fil.* t. 210.
- P. hirsutum**, *Sw.* Brazil.
- P. hydrophilum**, *Kze.* Dominica.
- P. incanum**, *Sw.* Tropical and South Africa, America from Ohio southwards.
- P. incurvatum**, *Bl.* Malay Peninsula.
- P. irioides**, *Lam.* Tropics and subtropics of the Old World. *Hook. Fil. Exot.* t. 4.  
var. *ramocristatum*, *Hort.*
- P. juglandifolium**, *D. Don.* Himalaya.  
var. *tenuicauda*, *Baker.*
- P. karwinskianum**, *A. Br.* *See* *plebeium*.
- P. Knightiæ**, *Hort.* Australia. *Gard. Chron.* 1903, xxxiii. 245, fig. 99.
- P. lachnopus**, *Wall.* Northern India.
- P. lævigatum**, *Cav.* Tropical America.
- P. lanceolatum**, *L.* Tropics.
- P. lapathifolium**, *Poir.* *See* *lævigatum*.
- P. leiorhizon**, *Wall.* India, China. *Hook. Fil. Exot.* t. 25.



**Polypodium, L.—cont.**

- P. lepidopteris, Kze.** Tropical America.
- var. **sepultum, Baker.** Tropical America.
- P. lineare, Thunb.** Tropical and subtropical Asia,  
Tropical and subtropical Africa.
- P. Lingua, Sw.** Manchuria to Malaya.
- var. **corymbiferum, Hort.**
- var. **Heteractis, Baker.** Himalaya.
- P. longifolium, Mett.** Malaya. *P. contiguum*, Wall.;  
Hook. Fil. Exot. t. 20.
- P. longipes, Link.** See *Phymatodes*, var.
- P. longissimum, Bl.** Tropical Asia.
- P. loriceum, L.** West Indies, Tropical America.
- var. **hirsutum, Hort.**
- var. **latipes, Baker.** Brazil.
- var. **pinnatifidum, Baker.**
- P. lycopodioides, L.** Tropics, ubiquitous.
- var. **maximum, Hort.**
- var. **owariense, (Desv.) Baker.** Tropical Africa.
- var. **salicifolium, Hook.** Tropical America.
- var. **squamulosum, Baker.** South Brazil.
- P. macropterum, Kaulf.** Brazil.
- var. **splendidum, Baker.** South Brazil.
- P. macrourum, Baker.** Australia.
- P. menisciifolium, Langsd. & Fisch.** See *neriifolium*.
- P. meyenianum, Schott.** Philippines.
- P. multilineatum, Wall.** Northern India.
- P. musæfolium, Bl.** Malaya.
- P. neriifolium, Schkuhr.** West Indies, Tropical America.
- var. **albopunctatum, (Raddi).** Tropical America.



1. The first of these is the fact that the  
the system is not a simple one, but a  
complex one, involving many factors  
which are not easily understood or  
measured. The second is the fact that  
the system is not a static one, but a  
dynamic one, which changes over time.  
The third is the fact that the system  
is not a closed one, but an open one,  
which interacts with the environment.  
The fourth is the fact that the system  
is not a linear one, but a non-linear  
one, which does not follow the simple  
rules of linear algebra. The fifth is the  
fact that the system is not a deterministic  
one, but a probabilistic one, which  
cannot be predicted with certainty.

*Polypodium, L.—cont.*

**P. nigrescens, Bl.** India, Malaya, Polynesia. Hook.  
Fil. Exot. t. 22.

var. *grandiceps, Hort.*

*P. owariense, Desv.* See *lycopodioides*.

**P. palmatum, Bl.** Malaya.

**P. pectinatum, L.** West Indies, Tropical America.  
Hook. Gard. Ferns, t. 10.

var. *Paradisæ, Baker.* Brazil.

var. *plumosum, Hort.*

*P. peltideum, Link.* See *Phymatodes*.

**P. pendulum, Sw.** West Indies, Tropical America.

**P. pennigerum, Forst.** New Zealand.

**P. percussum, Cav.** Tropical America. Hook. Fil.  
Exot. t. 59.

**P. persicæfolium, Desv.** Malaya.

var. *grandidens, Kze.* Java.

**P. \*Phegopteris, L.** North temperate zone. Hook. Brit.  
Ferns, t. 3.

**P. Phyllitidis, L.** West Indies, Tropical America.

var. *linnæanum, Hook.*

var. *obscurum, (Mett.) Baker.*

**P. Phymatodes, L.** Tropical Asia and Africa.

var. *cristatum, Hort.*

var. *longipes, (Link) Baker.*

var. *terminale, (Link) Baker.*

**P. pictum, Baker.** Polynesia.

**P. piloselloides, L.** West Indies, Tropical America.  
Hook. Gard. Ferns, t. 18.

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\* For garden varieties, see p. 181.



**Polypodium, L.—cont.**

**P. platyphyllum, Hook.** West Indies, Tropical America.

**P. plebeium, Schlecht.** Central and South America.  
Hook. Gard. Ferns, t. 48.

var. *madrense*, (J. Sm.). Central America.

**P. plesiosorum, Kze.** Mexico to Venezuela.

**P. Plumula, H. B. & K.** See *elasticum*.

**P. presliianum, Link.** See *neriifolium*.

**P. propinquum, Wall.** China, India, Java.

var. *Laurentii, Christ.* Tropical Africa. De Wildem.  
Etudes Fl. Bas-Congo, 6, t. 2.

**P. pulvinatum, Link.** See *aureum*, var.

**P. pustulatum, Forst.** Australia and New Zealand.

**P. quercifolium, L.** Tropical Asia, Queensland.

**P. repens, L.** West Indies, Tropical America.

var. *undulatum, Hort.*

**P. reptans, Sw.** West Indies, Tropical America.

**P. rigidulum, Sw.** Malaya, Fiji, Queensland.

**P. robertianum, Hoffm.** See *Dryopteris*, var.

**P. rostratum, Hook.** Northern India.

**P. rupestre, Bl.** Malaya.

**P. Schneideri, Hort.** Garden hybrid. Journ. Hort.  
ser. 3, xxix. 85, fig. 13.

**P. Scouleri, Hook. & Grev.** Ic. Fil. t. 56. N. W.  
America.

**P. sepultum, Kaulf.** See *lepidopteris*, var.

**P. serrulatum, Mett.** Tropical Africa and America.  
*Xiphopteris serrulata*, Kaulf. ; Hook. Gard. Ferns,  
t. 44.

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**Polypodium, L.—cont.**

**P. Xiphias, Baker.** Southern Polynesia.

**Polystichum.** See *Aspidium*.

**Prosaptia.** See *Davallia*.

**Pseudathyrium.** See *Polypodium*.

**Pteridella.** See *Pellaea*.

*P. viridis*, Mett. See *Pellaea hastata*.

**Pteris, L.**

**P. aquilina, L.** Cosmopolitan. Hook. Brit. Ferns, t. 38.

**P. arguta, Ait.** South Europe, Azores &c.

*P. albolineata*, Hort. See *cretica*, var.

*P. argyræa*, Moore. See *quadriaurita*, var.

*P. Bausei*, Hort. See *semipinnata*, var.

**P. biaurita, L.** Tropics. Hook. & Grev. Ic. Fil. t. 142.

var. *argentea*, Hort.

var. *nemoralis variegata*, Hort.

**P. Childsii, Hort.** Garden origin.

*P. crenata*, Sw. See *ensiformis*.

**P. cretica, L.** Tropical and subtropical regions.

var. *albolineata*, Hook. Bot. Mag. t. 5194.

var. *Alexandræ*, Hort.

var. *crispata*, Hort.

var. *Maissonieri*, Hort.

var. *major*, Hort.

var. *Mayi*, Hort.

var. *nobilis*, Hort.

var. *Wimsetti*, Hort.



**Pteris, L.—cont.**

**P. denticulata**, Sw. West Indies, Tropical America.  
Hook. & Grev. Ic. Fil. t. 28.

**P. Drinkwateri**, Hort. See *pellucida*.

**P. droogmansiana**, De Wild. Belgian Congo.

**P. Duvalii**, (Bellair). Garden hybrid. *Dryopteris*  
*Duvalii*, Bellair. Rev. Hort. 1897, 563, fig. 168.

**P. elata**, Ag. Tropical America.

var. **karsteniana**, Hort.

**P. ensiformis**, Burm. Tropical Asia and Australia,  
Polynesia.

var. **cristata**, Hort.

var. **Reginæ**, Hort.

var. **Victoriæ**, Hort.

**P. felosma**, J. Sm. See *quadriaurita*.

**P. flabellata**, Thunb. Tropical and South Africa.

**P. geraniifolia**, Raddi. See *Pellæa*.

**P. Ghiesbreghtii**, J. Sm. See *laciniata*.

**P. grevilleana**, Wall. Northern India.

var. **variegata**, Hort.

**P. heterophylla**, L. West Indies. Bot. Mag. t. 4925.

var. **internata**, Baker. West Indies.

**P. incisa**, Thunb. Tropical and subtropical regions.

var. **Vespertilionis**, (Labill.). Australia.

**P. internata**, Moore. See *heterophylla*, var.

**P. laciniata**, Willd. West Indies, Tropical America.

var. **Ghiesbreghtii**, Baker. Mexico.

**P. leptophylla**, Sw. Brazil. Hook. Gard. Ferns, t. 23.

var. **argæ** Hort.





**Pteris, L.—cont.**

- P. longifolia, L.** Tropical and subtropical regions.  
var. **Mariesii, Hort.** Japan.
- P. ludens, Wall.** India, Malaya. *Doryopteris ludens*,  
Bedd. Handb. Ferns Ind. 119.
- P. Maissonieri, Hort.** See *cretica*, var.
- P. moluccana, Bl.** Malaya.
- P. nemoralis, Willd.** See *biaurita*, var.
- P. nobilis, Hort.** See *palmata*, var.
- P. palmata, Willd.** West Indies, Tropical America.  
Hook. Gard. Ferns, t. 22.  
var. **nobilis, Hort.**
- P. pedata, L.** West Indies, Tropical America. Hook.  
Fil. Exot. t. 34.
- P. pellucida, Presl.** India, Malaya, Tropical Africa.
- P. pulchra, Schl.** Mexico.
- P. pungens, Willd.** West Indies.
- P. quadriaurita, Retz.** Tropics, ubiquitous. Bot. Mag.  
t. 5183.  
var. **argyræa, (Moore) Baker.**  
var. **rubricaulis, (J. Sm.) Baker.**  
var. **tricolor, Hort.**
- P. sagittifolia, Raddi.** Brazil. Hook. Fil. Exot. t. 39.
- P. scaberula, A. Rich.** New Zealand.
- P. semipinnata, L.** Tropical and Sub-tropical Asia.  
Hook. Gard. Ferns, t. 59.  
var. **Bausei, Hort.**  
var. **gigantea, Hort.**

1. *Trigonostictus* sp. nov. (Fig. 1, 2)  
 2. *Trigonostictus* sp. nov. (Fig. 3, 4)  
 3. *Trigonostictus* sp. nov. (Fig. 5, 6)  
 4. *Trigonostictus* sp. nov. (Fig. 7, 8)  
 5. *Trigonostictus* sp. nov. (Fig. 9, 10)  
 6. *Trigonostictus* sp. nov. (Fig. 11, 12)  
 7. *Trigonostictus* sp. nov. (Fig. 13, 14)  
 8. *Trigonostictus* sp. nov. (Fig. 15, 16)  
 9. *Trigonostictus* sp. nov. (Fig. 17, 18)  
 10. *Trigonostictus* sp. nov. (Fig. 19, 20)  
 11. *Trigonostictus* sp. nov. (Fig. 21, 22)  
 12. *Trigonostictus* sp. nov. (Fig. 23, 24)  
 13. *Trigonostictus* sp. nov. (Fig. 25, 26)  
 14. *Trigonostictus* sp. nov. (Fig. 27, 28)  
 15. *Trigonostictus* sp. nov. (Fig. 29, 30)  
 16. *Trigonostictus* sp. nov. (Fig. 31, 32)  
 17. *Trigonostictus* sp. nov. (Fig. 33, 34)  
 18. *Trigonostictus* sp. nov. (Fig. 35, 36)  
 19. *Trigonostictus* sp. nov. (Fig. 37, 38)  
 20. *Trigonostictus* sp. nov. (Fig. 39, 40)  
 21. *Trigonostictus* sp. nov. (Fig. 41, 42)  
 22. *Trigonostictus* sp. nov. (Fig. 43, 44)  
 23. *Trigonostictus* sp. nov. (Fig. 45, 46)  
 24. *Trigonostictus* sp. nov. (Fig. 47, 48)  
 25. *Trigonostictus* sp. nov. (Fig. 49, 50)  
 26. *Trigonostictus* sp. nov. (Fig. 51, 52)  
 27. *Trigonostictus* sp. nov. (Fig. 53, 54)  
 28. *Trigonostictus* sp. nov. (Fig. 55, 56)  
 29. *Trigonostictus* sp. nov. (Fig. 57, 58)  
 30. *Trigonostictus* sp. nov. (Fig. 59, 60)  
 31. *Trigonostictus* sp. nov. (Fig. 61, 62)  
 32. *Trigonostictus* sp. nov. (Fig. 63, 64)  
 33. *Trigonostictus* sp. nov. (Fig. 65, 66)  
 34. *Trigonostictus* sp. nov. (Fig. 67, 68)  
 35. *Trigonostictus* sp. nov. (Fig. 69, 70)  
 36. *Trigonostictus* sp. nov. (Fig. 71, 72)  
 37. *Trigonostictus* sp. nov. (Fig. 73, 74)  
 38. *Trigonostictus* sp. nov. (Fig. 75, 76)  
 39. *Trigonostictus* sp. nov. (Fig. 77, 78)  
 40. *Trigonostictus* sp. nov. (Fig. 79, 80)  
 41. *Trigonostictus* sp. nov. (Fig. 81, 82)  
 42. *Trigonostictus* sp. nov. (Fig. 83, 84)  
 43. *Trigonostictus* sp. nov. (Fig. 85, 86)  
 44. *Trigonostictus* sp. nov. (Fig. 87, 88)  
 45. *Trigonostictus* sp. nov. (Fig. 89, 90)  
 46. *Trigonostictus* sp. nov. (Fig. 91, 92)  
 47. *Trigonostictus* sp. nov. (Fig. 93, 94)  
 48. *Trigonostictus* sp. nov. (Fig. 95, 96)  
 49. *Trigonostictus* sp. nov. (Fig. 97, 98)  
 50. *Trigonostictus* sp. nov. (Fig. 99, 100)

**Pteris, L.—cont.**

**P. serrulata, L. fil.** China, Japan, Natal.

var. *cristata*, Hort.

var. *voluta*, Hort.

**P. straminea, Mett.** Chili.

**P. sulcata, Link.** See *quadriaurita*.

**P. tremula, R. Br.** Australia and New Zealand.

**P. Vespertilionis, Labill.** See *incisa*, var.

**P. Victorice, Hort.** See *ensiformis*, var.

**P. viridis, Forsk.** See *Pellaea hastata*.

**P. wallichiana, Ag.** Himalaya, Japan, Philippines.

**Pteropsis.** See *Tænitis*.

**Pycnopteris.** See *Nephrodium*.

**Rhipidopteris.** See *Acrostichum*.

**Sagenia.** See *Nephrodium*.

**Salpichlæna.** See *Blechnum*.

**Schellolepis.** See *Polypodium*.

**Schizocæna.** See *Cyathea*.

**Schizoloma.** See *Lindsaya*.

**Scolopendrium, J. E. Sm.**

**S. braziliense, Kze.** Brazil.

**S. Delavayi, Franch.** China, Munipur. Journ. Linn.  
Soc. xxv. t. 41.



**Scolopendrium, J. E. Sm.—cont.**

*S. Krebsii*, Kze. See *Lomaria punctulata*.

*S. rhizophyllum*, Hook. North America. *Camptosorus rhizophyllum*, Presl ; Hook. Fil. Exot. t. 85.

*S.\*vulgare*, J. E. Sm. North temperate zone. Hook. Brit. Ferns, t. 37.

**Selliguea.** See *Gymnogramme*.

**Sitobium.** See *Dicksonia*.

**Soromanes.** See *Acrostichum Cænopteris*.

**Stegania.** See *Lomaria*.

**Stenochlæna.** See *Acrostichum*.

**Stenoloma.** See *Davallia*.

**Stenosemia.** See *Acrostichum*.

**Struthiopteris.** See *Onoclea*.

**Tæniopsis.** See *Vittaria*.

**Thyrsopteris, Kze.**

*T. elegans*, Kze. Juan Fernandez.

**Todea, Willd.**

*T. africana*, Willd. See *barbara*.

*T. barbara*, Moore. South Africa, Australia, New Zealand. Bot. Mag. t. 5954.

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\* For garden varieties, see p. 181.



**Todea, Willd—cont.**

**T. Fraseri**, *Hook. & Grev.* Ic. Fil. t. 101. Australia, New Caledonia.

var. **wilkesiana**, *Baker.* Fiji, New Hebrides, New Guinea. *T. wilkesiana*, *Brackenr.*; Ill. Hort. 1875, t. 226.

*T. grandipinnula*, *Moore.* See *Moorei*.

**T. hymenophylloides**, *Rich. & Less.* New Zealand. *Hook. Gard. Ferns*, t. 54.

*T. intermedia*, *Hort.* See *hymenophylloides*.

**T. Moorei**, *Baker.* Lord Howe Island.

*T. pellucida*, *Carm.* See *hymenophylloides*.

*T. rivularis*, *Sieb.* See *barbara*.

**T. superba**, *Col.* New Zealand. Ill. Hort. 1870, t. 23.

*T. wilkesiana*, *Brackenr.* See *Fraseri*, var.

**Trichomanes, L.**

**T. alatum**, *Sw.* West Indies, Tropical America. *Hook. & Grev.* Ic. Fil. t. 11.

var. **attenuatum**, *Griseb.* West Indies.

*T. angustatum*, *Carm.* See *tenerum*.

*T. attenuatum*, *Hook.* See *alatum*, var.

**T. auriculatum**, *Bl.* Tropical Asia.

**T. Bancroftii**, *Hook. & Grev.* West Indies, Tropical America. *Hook. Gard. Ferns*, t. 56.

*T. bipunctatum*, *Poir.* See *Filicula*.

*T. Bojeri*, *Hook. & Grev.* See *cuspidatum*.

*T. boschianum*, *Sturm.* See *radicans*, var.

**T. Colensoi**, *Hook. f.* New Zealand. *Hook. Ic. Pl.* t. 979.





**Trichomanes, L.—cont.**

- T. crispum, L.** West Indies, Tropical America. Hook. Gard. Ferns, t. 27.
- T. cuspidatum, Willd.** Mascarene Islands.
- T. elongatum, Cunn.** See rigidum, var.
- T. exsectum, Kze.** Chili, Juan Fernandez.
- T. Filicula, Bory.** Tropical Asia and Africa.
- T. fœniculaceum, Bory.** Mascarene Is., Borneo, Australia.
- T. hirtellum, Poir.** See Hymenophyllum.
- T. humile, Forst.** Java, New Zealand, Polynesia. Hook. & Grev. Ic. Fil. t. 85.
- T. Kaulfussii, Hook & Grev.** West Indies, Tropical America.
- T. labiatum, Jenm.** British Guiana.
- T. luschnathianum, Presl.** See radicans, var.
- T. Lyallii, Hook.** New Zealand.
- T. maximum, Bl.** Malaya, Polynesia, N. Australia.
- T. membranaceum, L.** West Indies, Tropical America.
- T. muscoides, Sw.** Tropics.
- T. parviflorum, Poir.** See fœniculaceum.
- T. parvulum, Poir.** Tropics of the Old World.
- T. pinnatum, Sw.** West Indies, Tropical America. Hook. Gard. Ferns, t. 8.
- T. Prieurii, Kze.** West Indies, Tropical America.
- T. pyxidiferum, L.** Tropics, ubiquitous. Hook. & Grev. Ic. Fil. t. 206.
- T. radicans, Sw.** Tropical, subtropical and temperate regions.  
var. **Andrewsii, Newm.** Ireland.

1. *Chrysomelidae* (1875) *Chrysomelidae* 1  
 2. *Chrysomelidae* (1875) *Chrysomelidae* 1  
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 10. *Chrysomelidae* (1875) *Chrysomelidae* 1

**Trichomanes, L.—cont.****T. radicans, Sw.—cont.**var. *boschianum*, (*Sturm*) *Baker*. Alabama.var. *luschnathianum*, *Baker*. Brazil.var. *luschnathianum prolongatum*, *Hort*.var. *proliferum*, *Hort*.**T. reniforme, Forst.** New Zealand. Hook. Fil. Exot. t. 2.**T. reptans, Sw.** West Indies, Tropical America. Hook. & Grev. Ic. Fil. t. 32.**T. rigidum, Sw.** Tropics, ubiquitous.var. *elongatum*, *Baker*. New Zealand.**T. scandens, L.** West Indies, Central America.**T. sinuosum, L. C. Rich.** West Indies, Tropical America. Hook. & Grev. Ic. Fil. t. 13.**T. spicatum, Hedw.** West Indies, Tropical America. Hook. Gard. Ferns, t. 60.**T. tenerum, Spreng.** Tropical America.**T. trichoideum, Sw.** West Indies, Tropical America. Hook. & Grev. Ic. Fil. t. 199.**T. venosum, R. Br.** Australia and New Zealand.**Vittaria, J. E. Sm.****V. lineata, Sw.** Tropical and subtropical regions.**Woodsia, R. Br.****W. ilvensis, R. Br.** Arctic and North temperate zone. Hook. Brit. Ferns, t. 8.**W. oregana, D. C. Eaton.** North America.**W. scopulina, D. C. Eaton.** North America.

*T. bonariensis*, L.—var.  
*T. radicans*, Sw.—var.  
 var. *boehmeriana* (Swartz) Baker.  
 var. *inschazianum*, Baker, Brazil.  
 var. *inschazianum* protergum, B.  
 var. *protergum*, How.  
*T. repens*, Forst., New Zealand.  
*T. repens*, Sw., West Indies, Tropical  
 & Green, Is. Phil., 1822.  
*T. rigidum*, Sw., Tropical, Australia.  
 var. *elongatum*, Baker, New Zealand.  
*T. scandens*, L., West Indies, (var.)  
*T. sinuatum*, L., Is. Phil., West Indies, I.  
 Hook. & Grev. Is. Phil., 1822.  
*T. sinuatum*, L., Is. Phil., 1822.



**Woodwardia, J. E. Sm.**

*W. angustifolia*, J. E. Sm. *See areolata.*

*W. areolata*, Moore. United States. Hook. Gard. Ferns, t. 61.

*W. Harlandii*, Hook. Hong Kong. Hook. Fil. Exot. t. 7.

*W. japonica*, Sw. China and Japan.

*W. radicans*, Sw. North temperate zone.

var. *americana*, Hook. Southern United States.

var. *Brownii*, Hort.

var. *cristata*, Hort. *See* var. *Brownii*.

var. *plumosa*, Hort.

*W. virginica*, J. E. Sm. North America.

*Xiphopteris. See Polypodium.*

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W. B. Jones

W. B. Jones, 1870-1871

W. B. Jones, 1872-1873

W. B. Jones, 1874-1875

W. B. Jones, 1876-1877

W. B. Jones, 1878-1879

W. B. Jones, 1880-1881

W. B. Jones, 1882-1883

W. B. Jones, 1884-1885

W. B. Jones, 1886-1887

W. B. Jones, 1888-1889

W. B. Jones, 1890-1891

## II.—FERN ALLIES.

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### *Azolla*, *Lam.*

*A. caroliniana*, *Willd.* Tropical and subtropical America.

*A. pinnata*, *R. Br.* Australia.

*Bernhardia*. *See* *Psilotum*.

### *Equisetum*, *L.*

*E. arvense*, *L.* North temperate and Arctic regions.  
Hook. Brit. Ferns, t. 60.

*E. fluviatile*, *L.* *See* *limosum*.

*E. hyemale*, *L.* North temperate and Arctic regions.  
Hook. Brit. Ferns, t. 64.

*E. limosum*, *L.* North temperate and Arctic regions.  
Hook. Brit. Ferns, t. 62.

*E. maximum*, *Lam.* North temperate regions.

*E. ramosissimum*, *Desf.* Warm temperate and tropical regions.

*E. robustum*, *A. Br.* North and central America.

*E. scirpoides*, *Michx.* North temperate and Arctic regions.

### *Isoetes*, *L.*

*I. lacustris*, *L.* Europe and North America. Hook.  
Brit. Ferns, t. 55.

*I. malvernianum*, *Cesati & De Not.* Italy.



# THE INDEX

THE INDEX is a list of the names of the persons who have been admitted to the membership of the Society since the last meeting of the Council. It is published in the form of a list of names, with the date of admission, and the name of the person who presented the candidate.

The names are arranged in alphabetical order, and the date of admission is given in full. The name of the person who presented the candidate is given in full, and the name of the person who presented the candidate is given in full.

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**Lycopodium, L.**

- L. carinatum**, *Desv.* India, Malaya, Polynesia. *L. acrostachyum*, Wall. ; Hook. & Grev. Ic. Fil. t. 181.
- L. clavatum**, *L.* Arctic and Alpine zones ; on mountains in the tropics.
- L. dalhousieanum**, *Spring.* Malay Peninsula, Borneo.
- L. dichotomum**, *Jacq.* West Indies, Tropical America.
- L. fontinaloides**, *Spring.* Brazil.
- L. Hippuris**, *Desv.* See *squarrosus*.
- L. Hookeri**, Wall. See *squarrosus*.
- L. lucidulum**, *Michx.* Himalaya, China, Japan, North America.
- L. obscurum**, *L.* North Asia, North America.
- L. Phlegmaria**, *L.* Tropics of the Old World.
- L. scariosum**, *Forst.* New Zealand.
- L. squarrosus**, *Forst.* India, Malaya, Polynesia, Mascarene Is. *L. Hookeri*, Wall. ; Hook. & Grev. Ic. Fil. t. 185.
- L. taxifolium**, *Sw.* West Indies, Tropical America. Hook. & Grev. Ic. Fil. t. 131.

**Marsilea, L.**

- M. macra**, *A. Br.* Australia.
- M. Nardu**, *A. Br.* Australia.

**Pilularia, L.**

- P. globulifera**, *L.* Europe. Hook. Brit. Ferns, t. 57.

1. The first of these is the fact that the  
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10. tenth of these is the fact that the

*silotum*, Sw.

*P. triquetrum*, Sw. Tropics, extending to New Zealand, Japan, and Florida. Hook. Fil. Exot. t. 63.

var. *mascarenica*, Hort.

*alvinia*, Schreb.

*S. natans*, Hoffm. Subtropics of the Old World.

*slaginella*, Spring.

*S. africana*, A. Br. See *Vogelii*.

*S. albonitens*, Spring. West Indies.

*S. albospica*, Hort. See *stenophylla*, var.

*S. amœna*, Hort. See *caulescens*.

*S. apus*, Spring. North America.

var. *elegans*, Hort.

*S. argentea*, Spring. See *caulescens*, var.

*S. atroviridis*, Spring. Tropical Asia. *Lycopodium atroviride*, Wall.; Hook. & Grev. Ic. Fil. t. 39.

*S. bakeriana*, Bailey. Queensland.

*S. bellula*, Moore. See *inæqualifolia*, var. *perelegans*.

*S. Braunii*, Baker. China.

*S. cœsia*, Hort. See *uncinata*.

*S. canaliculata*, Baker. Tropical Asia.

*S. caudata*, Spring. See *canaliculata*.

*S. caulescens*, Spring. Tropical Asia.

var. *amœna*, Hort.

var. *argentea*, Baker. Malay Peninsula.

var. *japonica*, MacNab. Japan.

var. *minor*, Hort.



**Selaginella, Spring—cont.**

- S. concinna, Spring.** Mascarene Islands.
- S. conferta, Moore.** *See* canaliculata.
- S. cuspidata, Link.** West Indies, Tropical America.  
var. *elongata, Spring.* Guatemala.
- S. delicatissima, A. Br.** Andes.
- S. densa, Hort.** *See* apus.
- S. denticulata, Hort.** *See* kraussiana.
- S. dichroa, Hort.** *See* Vogellii.
- S. Douglasii, Spring.** North America.
- S. emiliana, Hort.**
- S. erythropus, Spring.** West Indies, Tropical America.  
var. *minor, Hort.*  
var. *setosa, Hort.*
- S. filicina, Spring.** *See* hæmatodes.
- S. flabellata, Spring.** Tropical and subtropical regions.
- S. flagellifera, Hort.** *See* plumosa, var.
- S. Galeottii, Spring.** Central America.
- S. geniculata, Spring.** Tropical America.
- S. grandis, Moore.** Borneo. Gard. Chron. 1882, xviii.  
40, figs. 7-8.
- S. hæmatodes, Spring.** West Indies, Tropical America.
- S. helvetica, Link.** Europe, North Asia.
- S. inæqualifolia, Spring.** Tropical Asia.  
var. *perelegans, Baker.* Tropical Asia. *S. bellula,*  
Moore, Gard. Chron. 1879, xi. 173, fig. 25.
- S. involvens, Spring.** China, Japan, E. Himalaya,  
Philippine Is.  
var. *texta, Baker.*



*Spring—cont.*

*ina*, A. Br. South Africa, W. Tropical Africa.  
*is*.

*ea*, Hort.

*wnii*, Hort.

*nsfieldii*, Hort.

*a*, Baker. Madagascar.

*llii*, Baker. Madagascar.

*ylla*, Spring. Tropical America.

*chya*, Bailey. *See bakeriana*.

*Spring*. *See lævigata*, var.

*sii*, Spring. Mexico. *S. pæppigiana*, Spring;  
*l. Fil. Exot. t. 56.*

*hotoma*, Hort.

*iegata*, Hort.

*ii*, A. Br. Garden origin.

*ps*, Spring. Tropical Africa, Madagascar.

*ilis*, Hort. *See serpens*.

*Hort*. Garden origin.

*Spring*. West Indies.

*ans*, Moore. *See inæqualifolia*, var.

*na*, A. Br. Texas, Central Mexico.

*sa*, Baker. Tropical Asia.

*ri*, Hort. Azores.

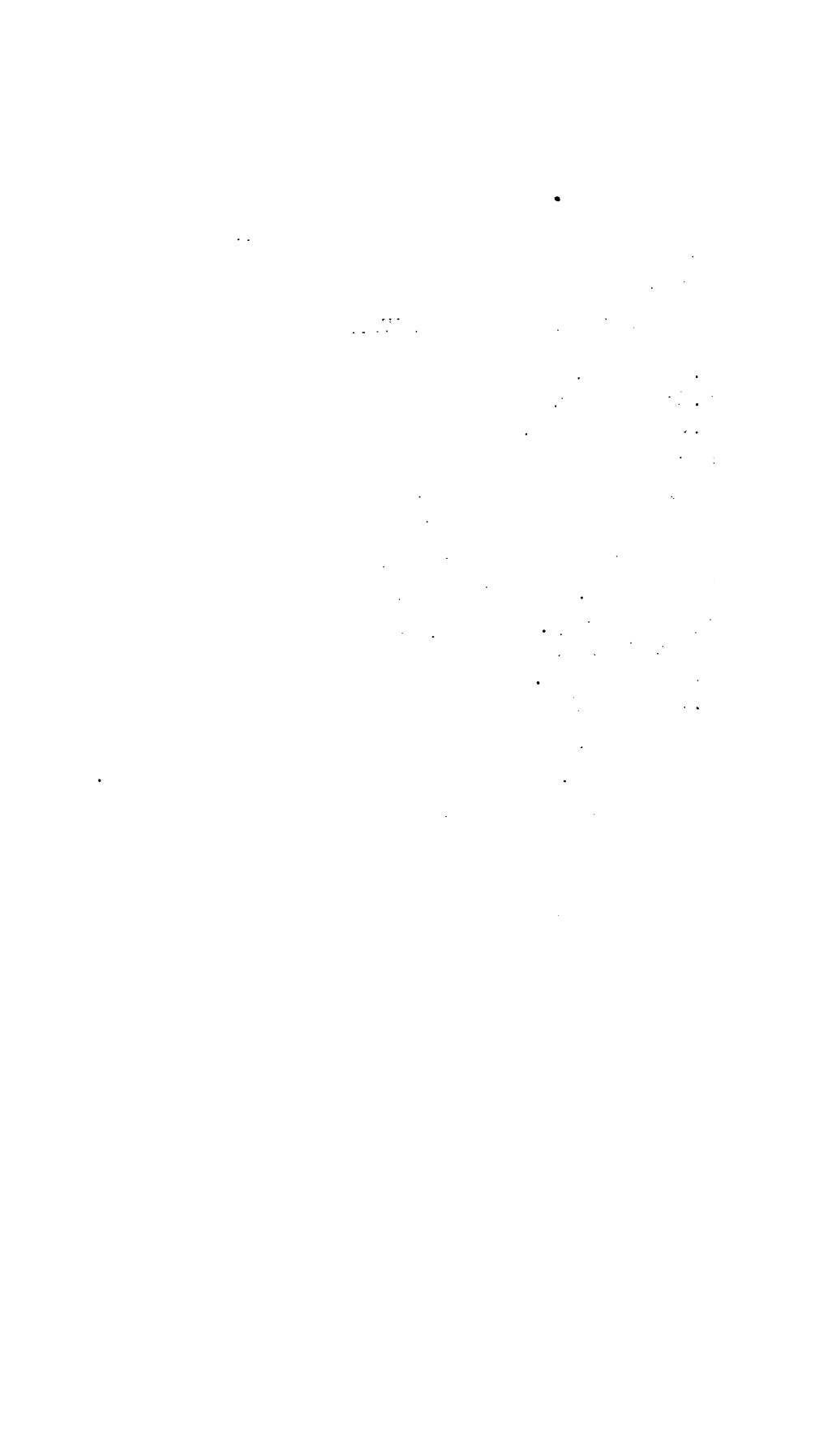
*l*, Baker. Tropical America.

*ta*, Spring. *See plumosa*.

*l*, Moore. Garden origin.

*aulis*, Hort. *See suberosa*.





*pinella*, *Spring*—*cont.*

*rupestris*, *Spring*. North and south temp. zones ;  
mountains in the tropics.

*serpens*, *Spring*. West Indies.

*strobilifera*, *Hort.* *See rubella.*

*tassellata*, *Hort.* Brazil.

*texta*, *Hort.* *See involvens.*

*uncinata*, *Spring.* China.

*usta*, *Vieill.* New Caledonia.

*Victoriæ*, *Moore.* Malaya, Fiji.

*viridangula*, *Spring.* Fiji.

*viticulosa*, *Klotzsch.* Central America, Venezuela.

*Vogelii*, *Spring.* Tropical Africa, Madagascar.

*var. dichroa*, *Hort.*

*Wallichii*, *Spring.* Tropical Asia.

*Warscewiczii*, *Klotzsch.* *See radiata.*

*watsoniana*, *Hort.* Garden origin.

*Willdenovii*, *Baker.* Tropical Asia. *Lycopodium*  
*Willdenovii*, *Desv. ; Hook. & Grev. Ic. Fil. t. 57.*

*sipteris*, *Bernh.*

*Fosteri*, *Endl.* *See tannensis.*

*tannensis*, *Bernh.* Australia, New Zealand, Poly-  
nesia. *T. truncata*, *Bernh. ; Hook. Gen. Fil. t. 86.*

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### III.—APPENDIX.

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#### Cultural Forms of British Ferns.

*diantum*, *L.*

**A. Capillus-Veneris**, *L.*

var. *daphnites*, *Lowe.*

var. *elegantissimum*, *Hort.*

var. *grande*, *Moore.*

var. *imbricatum*, *Lowe.*

var. *Mariesii*, *Moore.*

var. *obrienianum*, *Birkenhead.*

var. *semilunatum*, *Lowe.*

*spidium*, *Sw.*

**A. aculeatum**, *Sw.*

var. *Braunii*, *Hort.*

var. *cruciatum*, *Jones.*

var. *densum*, *Moore.*

var. *furcans*, *Hort.*

var. *grandiceps*, *Jones.*

var. *multifidum*, *Woll.*

var. *proliferum*, *Woll.*

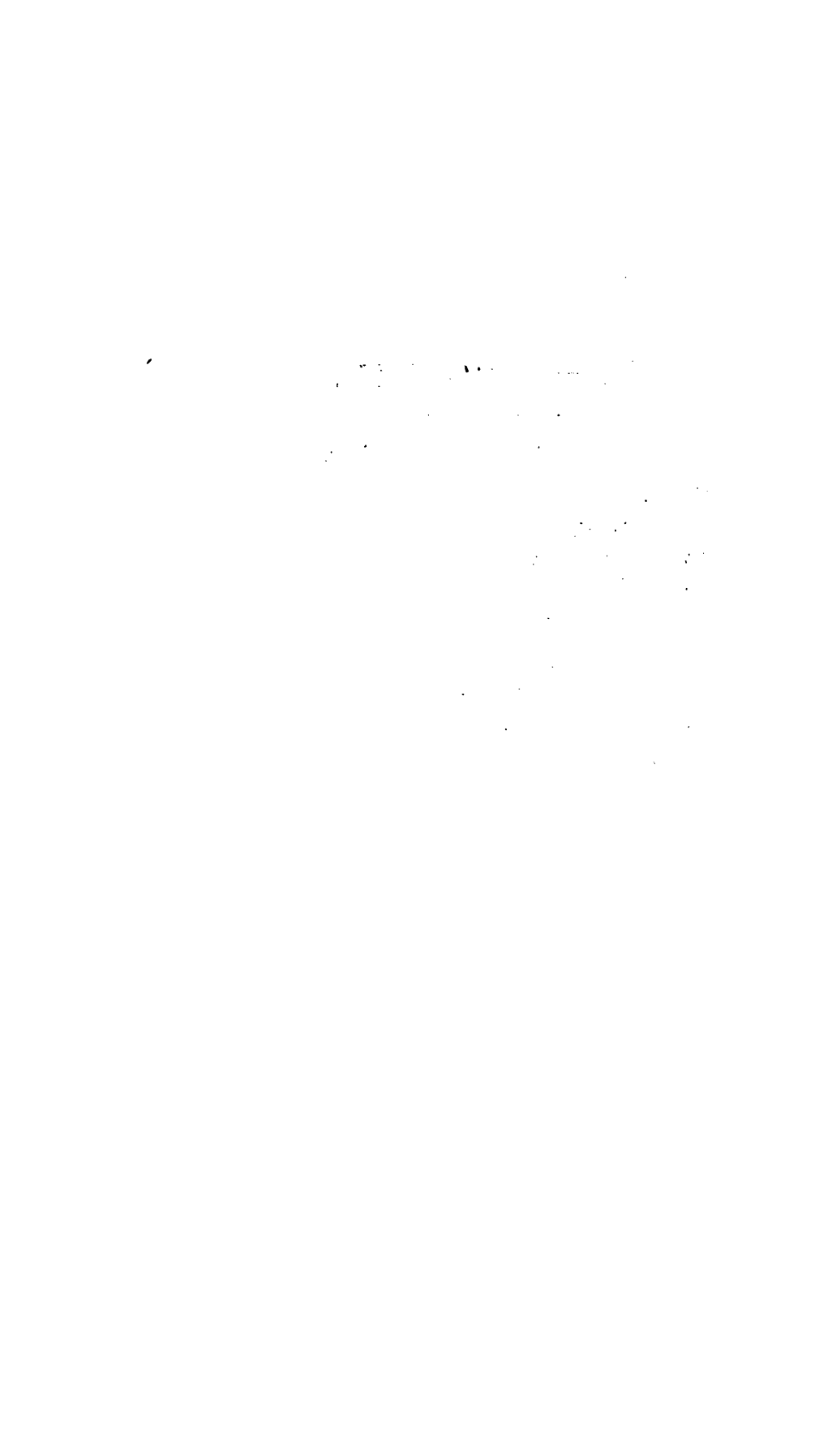
var. *pulcherrimum*, *Jones.*

var. *suberistatum*, *Jones.*

**A. \*angulare**, *Willd.*

---

\* This is a sub-species of *A. aculeatum*, but for garden purposes it is more convenient to treat it as a species.



*Aspidium*, *Sac.*—*cont.**A. angulare*, *Willd.*—*cont.*

- var. *acutilobum*, *Woll.* Lowe, Nat. Ferns, i. 127.
- var. *acutilobum acutum*, *Lowe.*
- var. *acutilobum proliferum*, *Moore.*
- var. *acuto-dissectum*, *Carbonell.*
- var. *acuto-divaricatum*, *Carbonell.*
- var. *assimile*, *Jones.*
- var. *athyrioides*, *Woll.*
- var. *Baylis*, *Lyll.*
- var. *brachiatum*, *Moore.* Lowe, Nat. Ferns, i. 106.
- var. *brachiatum cristatum*, *Jarvis.*
- var. *Buckles*, *Lowe.*
- var. *calomelanos*, *Jones.*
- var. *capitatum*, *Clap.*
- var. *caudatum*, *Carbonell.*
- var. *Claphami*, *Jones.*
- var. *concinnum*, *Moore.* Lowe, Nat. Ferns, i. 173.
- var. *confluens*, *Moore.* Lowe, Nat. Ferns, i. 167.
- var. *congestum*, *Moore.* Lowe, Nat. Ferns, i. 120.
- var. *conspicuilobum*, *Lowe.*
- var. *conspicuilobum acutum*, *Carbonell.*
- var. *cristatum*, *Moore.* Lowe, Nat. Ferns, i. t. 16.
- var. *cristatum clintonianum*, *Hort.*
- var. *cristatum gracile*, *Woll.*
- var. *cristatum grandiceps*, *Hort.*
- var. *cruciato-polydactylum*, *Jones.*
- var. *cruciatum*, *Lowe.*
- var. *cruciatum proliferum*, *Hort.*
- var. *decompositum*, *Moore.* Lowe, Nat. Ferns, i. 79.
- var. *decompositum densum*, *Carbonell.*
- var. *decompositum grande*, *Jones.*
- var. *decompositum plumosum*, *Jones.*

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**Aspidium, Sw.—cont.****A. angulare, Willd.—cont.**

- var. *decompositum polydactylum*, Jones.
- var. *decompositum robustum*, Jones.
- var. *decompositum splendens*, Jones. Lowe, Nat. Ferns, i. 174.
- var. *decurrens*, Moore. Lowe, Nat. Ferns, i. 98.
- var. *densum*, Moore. Lowe, Nat. Ferns, i. 96.
- var. *divisilobum*, Woll.
- var. *divisilobum acutum*, Jones.
- var. *divisilobum cristatum*, Ivery.
- var. *divisilobum decorum*, Jones.
- var. *divisilobum densum*, Carbonell.
- var. *divisilobum foliosum*, Jones.
- var. *divisilobum lineare*, Jones.
- var. *divisilobum multifidum*, Jones.
- var. *divisilobum plumosum*, Lowe.
- var. *divisilobum proliferum*, Woll.
- var. *divisilobum reflexum*, Jones.
- var. *divisilobum robustum*, Jones.
- var. *divisilobum splendidissimum*, Jones.
- var. *dubium*, Woll. Lowe, Nat. Ferns, i. 86.
- var. *flexuosum*, Woll. Lowe, Nat. Ferns, i. 133.
- var. *flexuosum polydactylum*, Jones.
- var. *folioso-decompositum*, Jones.
- var. *foliosum*, Woll. Lowe, Nat. Ferns, i. 117.
- var. *foliosum multifidum*, Jones.
- var. *frondosum*, Jones.
- var. *frondosum decompositum*, Jones.
- var. *frondosum polydactylum*, Jones.
- var. *grandiceps*, Moore. Lowe, Nat. Ferns, i. 150.
- var. *grandidens*, Jones. Lowe, Nat. Ferns, i. 85.
- var. *inæquale variegatum*, Woll.





**Aspidium, Sw.—cont.****A. angulare, Willd.—cont.**

- var. *inciso-acutum*, *Stansf.* Lowe, Nat. Ferns, i. 137.
- var. *Kitsoniæ*, *Moore.* Lowe, Nat. Ferns, i. 124.
- var. *laciniatum*, *Woll.* Lowe, Nat. Ferns, i. 94.
- var. *laciniatum flexuosum*, *Hort.*
- var. *lanceolatum*, *Moore.*
- var. *latifolium*, *Woll.*
- var. *latifolium grandiceps*, *Jones.*
- var. *laxo-crispum*, *Jones.*
- var. *lineare*, *Moore.* Lowe, Nat. Ferns, i. 93.
- var. *lineare polydactylum*, *Jones.*
- var. *lineatum*, *Moly.*
- var. *Marshallii*, *Hort.*
- var. *multifidum densum*, *Jones.*
- var. *multilobum*, *Woll.* Lowe, Nat. Ferns, i. 121.
- var. *multilobum densum*, *Jones.*
- var. *multilobum multifidum*, *Jones.*
- var. *multilobum ovale*, *Woll.*
- var. *multilobum polydactylum*, *Jones.*
- var. *multilobum revolvens*, *Jones.*
- var. *oxyphyllum*, *Moore.* Lowe, Nat. Ferns, i. 116.
- var. *Pateyi*, *Moore.*
- var. *pendens*, *Jones.*
- var. *perserratum*, *Jones.*
- var. *plumosum*, *Woll.* Lowe, Nat. Ferns, i. 113.
- var. *plumosum elegantissimum*, *Jones.*
- var. *polydactylum*, *Moore.* Lowe, Nat. Ferns, i. 114.
- var. *polydactylum capitatum*, *Jones.*
- var. *polydactylum cruciatum*, *Lowe.*
- var. *polydactylum grande*, *Jones.*
- var. *polydactylum grandiceps*, *Jones.*
- var. *polydactylum laxum*, *Jones.*



**Aspidium, Sw.—cont.****A. angulare, Willd.—cont.**

- var. polydactylum multifidum, *Jones*.
- var. polydactylum robustum, *Jones*.
- var. proliferum, *Moore*. *Lowe, Nat. Ferns, i. 80.*
- var. proliferum densum, *Carbonell*.
- var. proliferum holeanum, *Moore*.
- var. pulcherrimum, *Moore*.
- var. pulchrum, *Moore*.
- var. ramo-variens, *Jones*.
- var. remoto-decurrens, *Woll*.
- var. revolvens, *Moore*.
- var. rotundum polydactylon, *Hort*.
- var. scalptum, *Carbonell*.
- var. Stansfieldii, *Lowe*.
- var. stipatum, *Woll*.
- var. stipitatum, *Moore*.
- var. subpinnatum, *Hort*.
- var. subplumosum, *Woll*.
- var. Thompsoniæ, *Lowe. Nat. Ferns, i. 140.*
- var. torto-cristatum, *Padley*.
- var. tripinnatum, *Moore. Lowe, Nat. Ferns, i. 78.*
- var. tripinnatum decompositum, *Lowe. Nat. Ferns, i. 172.*
- var. tripinnatum elegans, *Hort*.
- var. tripinnatum polydactylum, *Jones*.
- var. varians, *Woll. Lowe, Nat. Ferns, i. 105.*
- var. venustum, *Moore*.
- var. Wollastoni majus, *Hort*.

**Asplenium, L.****A. Filix-femina, Bernh.**

- var. abasiphyllum, *Lowe*.

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splenium, *L.*—*cont.*

**A** *Filix-fœmina*, *Bernh.*—*cont.*

- var. *adpresso-cristatum*, *Jones*.
- var. *Andersoni*, *Hort*.
- var. *angustatum*, *Lowe*.
- var. *apusæforme*, *Moore*. *Lowe*, *Nat. Ferns*, ii. 26.
- var. *axminsterense*, *Lowe*.
- var. *cancellatum cristatum*, *Jones*.
- var. *caudiculatum*, *Mapp*.
- var. *ceratophyllum*, *Mapp*.
- var. *clarissimum*, *Jones*.
- var. *congestum cristatum*, *Stansf*.
- var. *conoides cristatum*, *Stansf*.
- var. *coronatum*, *Lowe*. *Nat. Ferns*, ii. 35.
- var. *corymbiferum*, *Moore*.
- var. *Craigii*, *Moore*.
- var. *Craigii laciniatum*, *Jones*.
- var. *crispum coronatum*, *Jones*. *Lowe*, *Nat. Ferns*.  
ii. 36.
- var. *crispum cristatum*, *Carbonell*.
- var. *cristato-cristatum*, *Hort*.
- var. *cristatum*, *Woll*.
- var. *cristatum capitatum*, *Carbonell*.
- var. *cristatum densum*, *Carbonell*.
- var. *cristatum reflexum*, *Carbonell*.
- var. *cruciato-capitatum*, *Carbonell*.
- var. *cruciato-coronatum*, *Carbonell*.
- var. *cruciato-cristatum*, *Jones*.
- var. *cruciato-gracile*, *Jones*.
- var. *cruciato-grandiceps*, *Jones*.
- var. *cruciato-magnificum*, *Jones*.
- var. *cruciato-multifidum*, *Stansf*.
- var. *cruciatum*, *Jones*.



splenium, *L.*—*cont.*

**A. Filix-fœmina, Bernh.**—*cont.*

- var. cruciatum corymbiferum, *Hort.*
- var. curtum, *Woll.* Lowe, Nat. Ferns, ii. 32.
- var. curtum cristatum, *Stansf.*
- var. daphnites, *Glave.*
- var. daphnites capitatum, *Glave.*
- var. defecto-furcellans, *Hort.*
- var. defecto-gracile, *Mapp.*
- var. diffidum, *Jones.*
- var. diffiso-multifidum, *Moore.* Lowe, Nat. Ferns,  
ii. 44.
- var. digitale capitatum, *Jones.*
- var. digitale purpureum, *Jones.*
- var. Elworthii, *Moore.* Lowe, Nat. Ferns, ii. 46.
- var. Fieldiæ, *Moore.* Lowe, Nat. Ferns, ii. 50.
- var. Fieldiæ minus, *Jones.*
- var. fissidens, *Moore.* Lowe, Nat. Ferns, ii. 52.
- var. flabelliceps, *Carbonell.*
- var. flexuosum, *Woll.* Lowe, Nat. Ferns, ii. 49.
- var. folioso-crispatum, *Carbonell.*
- var. folioso-cristatum, *Woll.*
- var. Frizelliæ, *Moore.* Lowe, Nat. Ferns, ii. 53.
- var. Frizelliæ cristatum, *Jones.* Lowe, Nat. Ferns,  
ii. 142.
- var. Frizelliæ multifidum, *Barnes.*
- var. Frizelliæ nanum, *Ivery.* Lowe, Nat. Ferns, ii. 54.
- var. furcans, *Moore.*
- var. germanicum, *Hort.*
- var. glomeratum, *Moore.* Lowe, Nat. Ferns, ii. 56.
- var. glomeratum grandiceps, *Jones.*
- var. gracile, *Moore.*
- var. grammicon, *Lowe.*
- var. grandiceps, *Moore.*





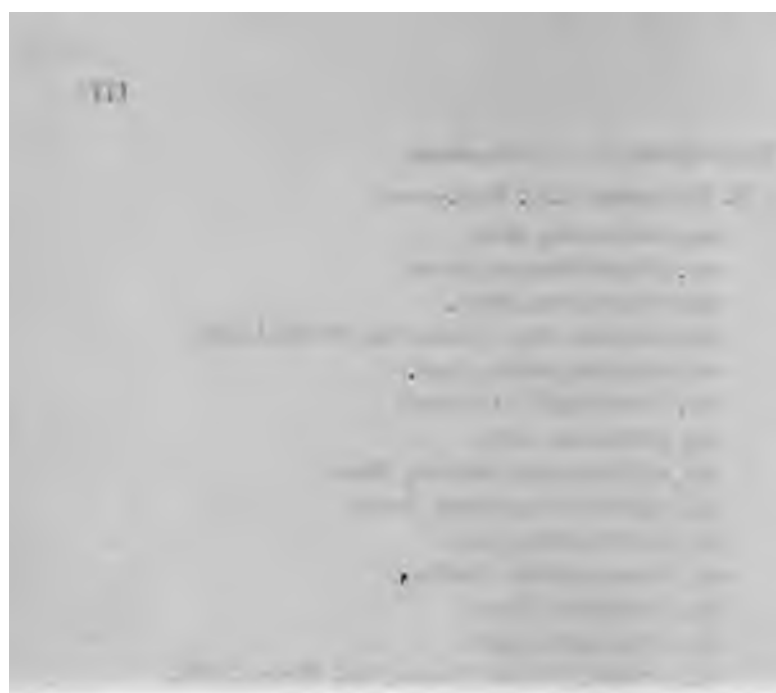
*Asplenium*, L.—*cont.*A. *Filix-fœmina*, Bernh.—*cont.*

- var. *grandiceps globosum*, Sim.
- var. *grandiceps minus*, Carbonell.
- var. *grandiceps pumilum*, Sim.
- var. *Howardæ*, Moore.
- var. *imbricatum*, Carbonell.
- var. *inæquale*, Woll.
- var. *inæquale cristatum*, Jones.
- var. *interruptum*, Moore. Lowe, Nat. Ferns, ii. 62.
- var. *irregulare*, Moore. Lowe, Nat. Ferns, ii. 63.
- var. *kalothrix*, Lowe.
- var. *laceratum*, Moore. Lowe, Nat. Ferns, ii. 66.
- var. *laciniatum*, Moore. Lowe, Nat. Ferns, ii. t. 39A.
- var. *laciniatum caudatum*, Hort.
- var. *laciniatum elegans*, Stansf.
- var. *laciniatum furcans*, Jones.
- var. *laciniatum multifidum*, Lowe.
- var. *Lowæ*, Lowe.
- var. *Lowæ capitatum*, Lowe.
- var. *Medusæ ramocristatum*, Hort.
- var. *multifidum*, Moore. Lowe, Nat. Ferns, ii. t. 36.
- var. *multifidum laxum*, Jones.
- var. *nodosum*, Jones.
- var. *nodosum multifidum*, Jones.
- var. *nodosum nanum*, Jones.
- var. *nodosum ramulosum*, Jones.
- var. *nodosum truncatum*, Jones.
- var. *orbiculatum*, Lowe. Nat. Ferns, ii. 127.
- var. *pannosum*, Moore. Lowe, Nat. Ferns, ii. 78.
- var. *pannosum cristatum*, Jones.
- var. *Parsonsiæ*, Moore. Lowe, Nat. Ferns, ii. 79.
- var. *paucidentatum cristatum*, Mapp.



**Nephrodium, L. C. Rich.—cont.****N. Filix-mas, L. C. Rich.—cont.**

- var. *concinnum*, *Hort.*
- var. *crispatissimum*, *Jones.*
- var. *crispulatum*, *Hort.*
- var. *crispum*, *Sim.* Lowe, Nat. Ferns, i. 248.
- var. *crispum gracile*, *Lyell.*
- var. *Crista-Galli*, *Carbonell.*
- var. *cristatum*, *Lowe.*
- var. *cristatum angustatum*, *Moore.*
- var. *cristatum caudatum*, *Ivery.*
- var. *cronkleyense*, *Lowe.*
- var. *depauperatum*, *Padley.*
- var. *digitatum*, *Lowe.*
- var. *Ellacombei*, *Lowe.*
- var. *erosum*, *Clowes.* Lowe, Nat. Ferns, i. 248.
- var. *flexuosum polydactylon*, *Hort.*
- var. *fluctuosum*, *Moore.*
- var. *furcans*, *Moore.* Lowe, Nat. Ferns, i. 244.
- var. *grandiceps*, *Sim.* Lowe, Nat. Ferns, i. 275.
- var. *Ingrami*, *Moore.*
- var. *interruptum*, *Moore.* Lowe, Nat. Ferns, i. 242.
- var. *lineare*, *Woll.*
- var. *multiforme*, *Barnes.*
- var. *paleaceum*, *Hook.*
- var. *paleaceum cristatum*, *Moore.*
- var. *paleaceum cristatum intermedium*, *Sim.*
- var. *paleaceum ramo-furcillatum*, *Woll.*
- var. *paleaceum revolvens*, *Woll.*
- var. *polydactylum*, *Lowe.* Nat. Ferns, i. 257.
- var. *propinquum*, *Woll.*
- var. *propinquum cristatum*, *Moore.*
- var. *propinquum gracile*, *Moore.*



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**Nephrodium, L. C. Rich.—cont.****N. Filix-mas, L. C. Rich.—cont.**

- var. propinquum grandiceps, *Moore*.
- var. propinquum imbricatum, *Hort*.
- var. propinquum parviceps, *Barnes*.
- var. propinquum polydactylum, *Barnes*.
- var. pseudo-mas, *Woll*. See var. paleaceum.
- var. Pulleri, *Jones*.
- var. ramo-cristatum, *Stansf*.
- var. ramo-furcillatum, *Carbonell*.
- var. ramosum, *Barnes*.
- var. revolvens, *Humphreys*.
- var. serratum cristatum, *Hort*.
- var. subcristatum, *Carbonell*.
- var. variegatum, *Lowe*.
- var. willyanum, *Hort*.

**N. spinulosum, Desv.**

- var. dilatatum, *Hook*. *Brit. Ferns*, t. 19.
- var. dilatatum angusti-pinnulum, *Sim*. *Lowe, Nat. Ferns*, i. 313.
- var. dilatatum calomelanos, *Jones*.
- var. dilatatum corymbiferum, *Hort*.
- var. dilatatum foliosum multicristatum, *Hort*.
- var. dilatatum foliosum ramosum, *Hort*.
- var. dilatatum grandiceps, *Barnes*.
- var. dilatatum Howardæ, *Jones*.
- var. dilatatum lepidotum, *Moore*.

**Osmunda, L.****O. regalis, L.**

- var. cristata, *Moore*.
- var. palustris, *Hort*.
- var. purpurascens, *Moore*.

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**Polypodium, L.****P. Phegopteris, L.**var. *cristatum*, *Jones*.var. *strictum*, *Barnes*.**P. vulgare, L.**var. *acuto-serratum*, *Jones*.var. *acutum*, *Moore*. Lowe, Nat. Ferns, i. 27.var. *cambricum*, *Willd.* Lowe, Nat. Ferns, i. 32.var. *cambricum* Barrowi, *Barnes*.var. *cornubiense*, *Moore*.var. *cornubiense elegantissimum*, *Stansf.*var. *Elworthii*, *Ivery*.var. *falcatum*, *Jones*.var. *grandiceps*, *Hort*.var. *macrostachya*, *O'Kelly*.var. *multifido-cristatum*, *Stansf.* Lowe, Nat. Ferns, i. 43.var. *omnilacerum*, *Moore*. Lowe, Nat. Ferns, i. t. 7B.var. *pulcherrimum*, *Moore*. Lowe, Nat. Ferns, i. 46.var. *ramosum*, *Moore*.var. *semilacerum*, *Link.* Lowe, Nat. Ferns, i. 47.var. *serratum*, *Moore*. Lowe, Nat. Ferns, i. 48.var. *serratum elegans*, *Hort*.var. *trichomanoides*, *Backh.***Scolopendrium, J. E. Sm.****S. vulgare, J. E. Sm.**var. *aduncum*, *Moore*. Lowe, Nat. Ferns, ii. 354.var. *crispum*, *Grey*.var. *Crista-Galli*, *Woll.*var. *Cuspis*, *Carbonell*.var. *fisso-crenatum*, *Jones*.



(b)

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